keltbray

TITLE
Project Olympus Bearing Piles Pile Logs P300-P349 Asite Ref: LCY11-KTB-XX-XX-RP-C-00054 Rev: AB02

Standard Rebar Tolerance, Schedule Level +150/-50mm

A number of piles show minor reductions in the concrete profile, this does not effect the the piles ability to carry its design loads. Any major reduction in pile profile will be detected during Integrity Testing

Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:50
Weather	Sunny	**Drilling - Finish Time**	09:54
Rig	5422 - Soilmec SR75	**Date Constructed**	11/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P300	1.540	**-22.500**	2.740	T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	Y
Was there a concrete blockage observed or recorded during construction? (Y/N)	Y
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540032.527	180144.066
As-built	540032.514	180144.086
Difference	-0.013	0.020
Vector (m)	0.024	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P300	750	**-22.530**	2.863	T7	1 x 24m 1no D47	C32/40	DC-4	25.430

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	70
Average Revolutions/m Penetration	2.8

Concreting	
As-Built Volume (m^3)	12.93
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	15%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**
Blocked in lead auger on first attempt to concrete.	

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	11/04/2025
Air Temperature during Concreting	15°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078928	SR95-1	C32/40	8	07:26	07:37	07:50	07:59	160	4	P155
32078929	SR75-1	C32/40	8	07:31	07:45	07:53	08:08			P306
32078932	SR75-1	C32/40	8	07:53	08:10	08:17	08:28			P306,P300
32078931	SR95-1	C32/40	8	07:51	08:02	08:25	08:41			P155,P158
32078933	SR75-1	C32/40	8	08:03	08:15	08:41	08:54			P300
32078938	SR95-1	C32/40	8	08:37	08:51	08:51	09:01			P158,P159
32078939	SR95-1	C32/40	8	08:39	08:53	09:23	10:07			P085,P159
32078940	SR75-1	C32/40	8	08:44	08:59	09:23	09:36			P357,P300
32078941	SR75-1	C32/40	8	08:55	09:05	09:37	09:45	180	4	P357
32078943	SR75-1	C32/40	8	09:00	09:19	09:53	10:20			P357,P296
32078954	SR95-1	C32/40	8	09:59	10:10	10:15	10:25			P085,P162
32078956	SR75-1	C32/40	8	10:12	10:21	10:25	10:51			P292,P296
32078955	SR95-1	C32/40	8	10:00	10:18	10:28	10:51			P162
32078957	SR75-1	C32/40	8	10:13	10:28	10:52	10:57			P292
32078961	SR95-1	C32/40	8	10:34	10:45	10:53	11:07			P162,P165
32078964	SR95-1	C32/40	8	10:58	11:07	11:25	11:51			P165,P168
32078966	SR75-1	C32/40	8	11:08	11:16	11:32	11:41			P294,P292
32078969	SR95-1	C32/40	8	11:19	11:35	11:54	12:34			P171,P168
32078972	SR75-1	C32/40	8	11:34	11:49	12:05	12:17			P071,P294
32078978	SR75-1	C32/40	8	12:11	12:26	12:30	12:51			P071
32078981	SR95-1	C32/40	8	12:25	12:43	12:46	12:56			P116,P171
32078983	SR75-1	C32/40	8	12:36	12:53	13:20	13:28			P071
32078985	SR95-1	C32/40	8	12:58	13:10	13:35	13:58	170	4	P116
32078992	SR95-1	C32/40	8	13:42	13:51	14:12	14:36			P107,P116
32078996	SR75-1	C32/40	8	14:01	14:16	14:20	14:29			P071,P065
32078994	SR95-1	C32/40	8	13:54	14:07	14:38	14:51			P107
32078999	SR75-1	C32/40	8	14:23	14:40	14:51	15:02			P065
32079003	SR75-1	C32/40	8	14:47	15:02	15:07	15:38			P065
32079004	SR75-1	C32/40	8	14:48	15:07	15:42	15:52			P059,P065
32079012	SR75-1	C32/40	6.5	15:54	16:02	16:06	16:20			P059
32079016	SR75-1	C32/40	2.5	16:24	16:30	16:33	16:40			P059
Totals:			**241 m3**					**$\bar{X}$ = 170**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	241

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	11/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

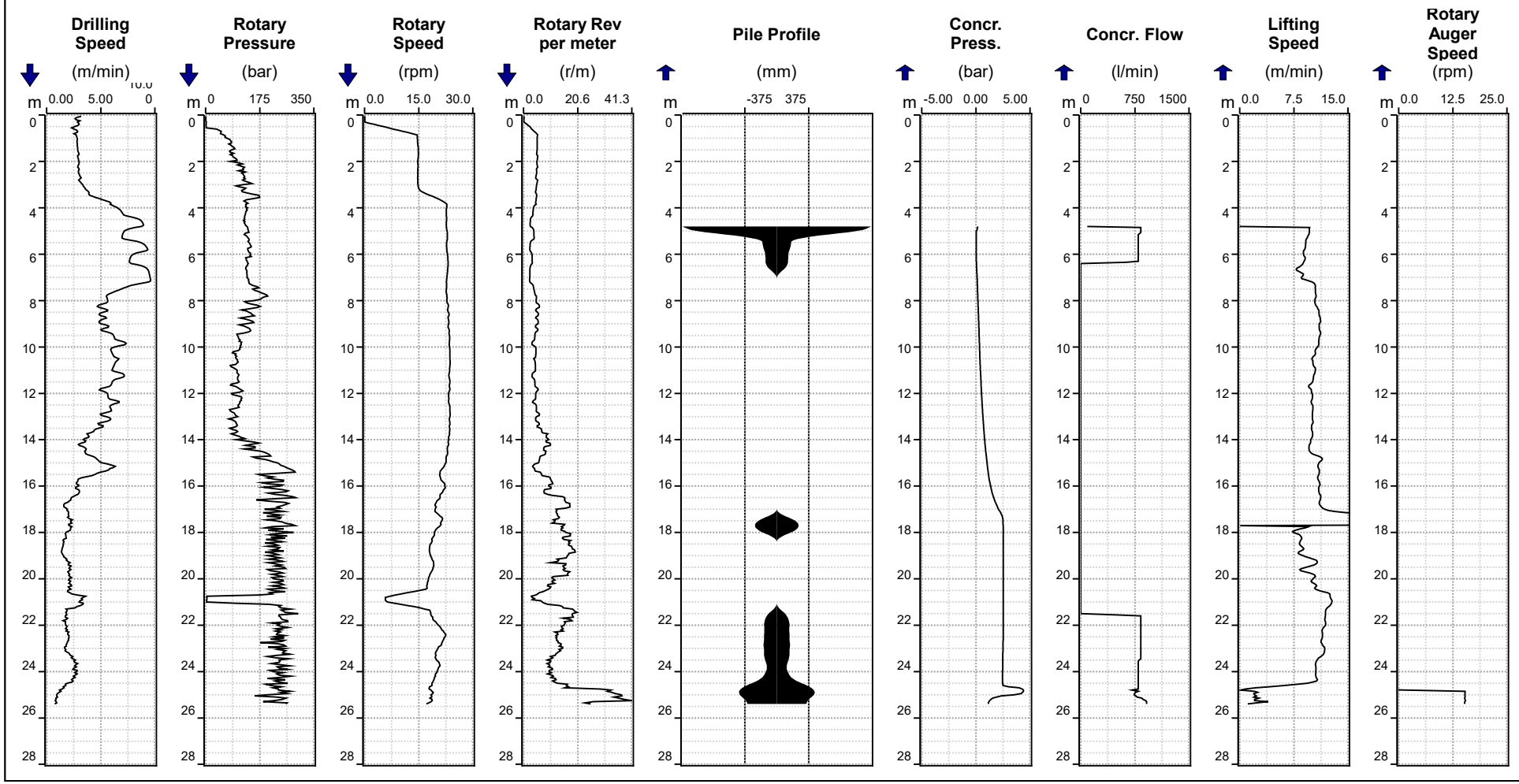
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:39 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P300**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	11/04/2025	Start:	11/04/2025
Time:	09:13:55	Time:	09:25:12
End:	11/04/2025	End:	11/04/2025
Time:	09:24:24	Time:	09:49:14
Design Depth	25.40 m	Concreting Start Depth:	25.42 m
Depth Reached	25.42 m	Total Concrete Volume:	3.17 m³
		Total Pump Strokes:	103

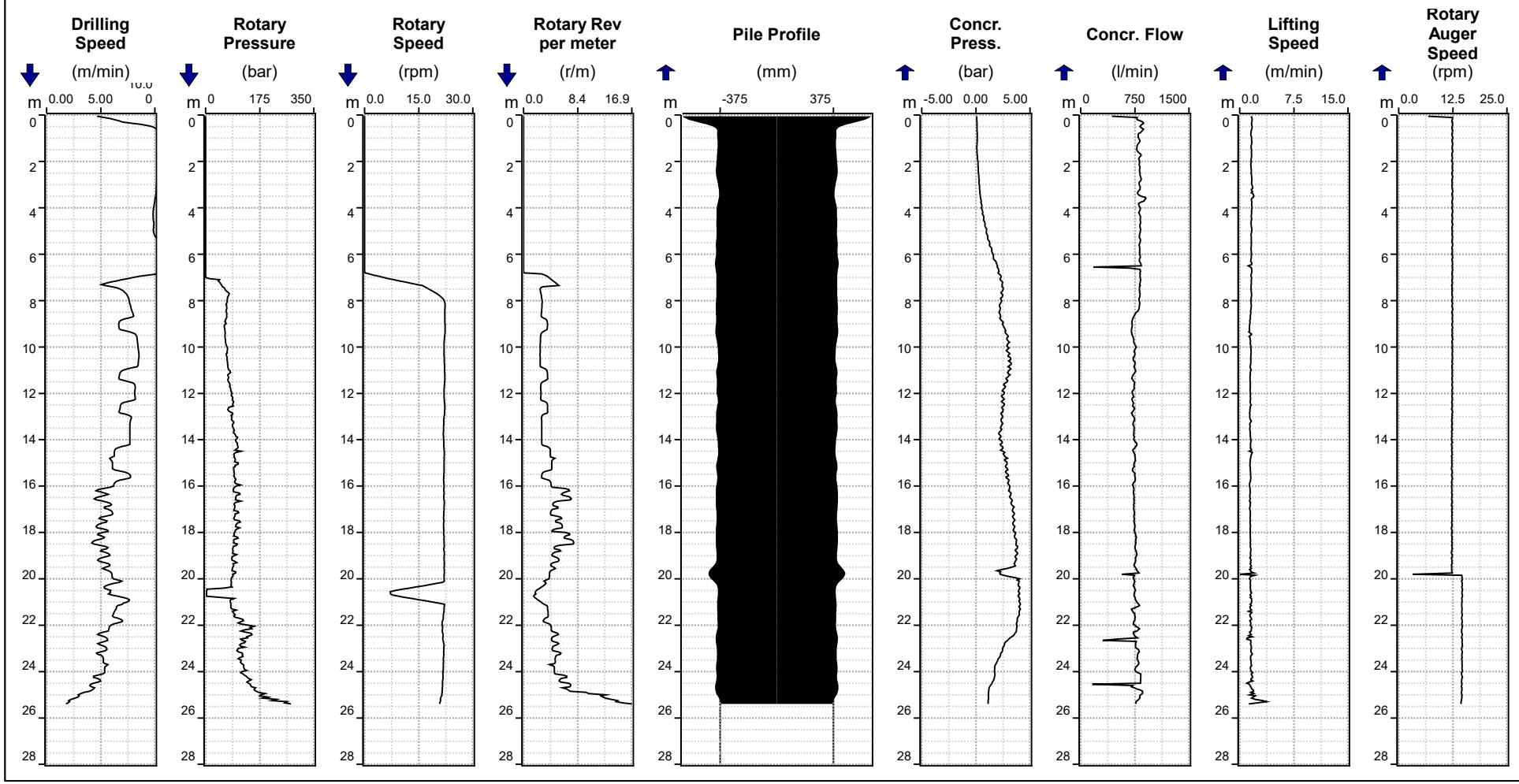
Pile Diameter:	750.00 mm
Mast Tilt (X):	0.43 °
Mast Tilt (Y):	0.54 °



Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P300a**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	11/04/2025	Start:	11/04/2025
Time:	09:50:20	Time:	09:55:34
End:	11/04/2025	End:	11/04/2025
Time:	09:54:57	Time:	10:13:08
Design Depth	25.40 m	Concreting Start Depth:	25.43 m
Depth Reached	25.43 m	Total Concrete Volume:	12.93 m³
		Overbreak	15 %
		Total Pump Strokes:	420

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.08 °
Mast Tilt (Y):	-0.03 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	10:42
Weather	Sunny	**Drilling - Finish Time**	11:00
Rig	4928 - Soilmec SR95	**Date Constructed**	24/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P301	1.540	**-22.500**	2.740		T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540034.044	180141.832
As-built	540034.016	180141.807
Difference	-0.028	-0.025
Vector (m)	0.038	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P301	750	**-22.510**	2.781	T7	1 x 24m 1No D47	C32/40	DC-4	25.410

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	289
Average Revolutions/m Penetration	11.4

Concreting	
As-Built Volume (m^3)	12.59
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	12%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079506	SR75-1	C32/40	8	07:39	07:49	07:59	08:09			P549
32079507	SR95-1	C32/40	8	07:42	07:56	08:08	08:17			P358
32079509	SR75-1	C32/40	8	07:57	08:05	08:11	08:42			P549,P481
32079513	SR75-1	C32/40	8	08:16	08:30	08:41	08:54			P476,P481
32079511	SR95-1	C32/40	8	08:07	08:19	08:42	08:55			P358
32079514	SR95-1	C32/40	8	08:22	08:35	08:58	09:21			P308,P358
32079516	SR75-1	C32/40	8	09:01	09:10	09:15	09:26	180	4	P476
32079517	SR95-1	C32/40	8	09:03	09:15	09:23	09:38			P308,P040
32079518	SR75-1	C32/40	8	09:04	09:24	09:28	09:44			P601
32079522	SR95-1	C32/40	8	09:30	09:44	10:12	10:23			P040
32079524	SR75-1	C32/40	8	09:39	09:56	10:13	10:25			P601,P456
32079525	SR95-1	C32/40	8	09:46	09:57	10:28	10:42			P301,P040
32079528	SR75-1	C32/40	8	10:01	10:11	10:29	11:03			P456,P216
32079532	SR95-1	C32/40	8	10:16	10:34	10:43	11:06	180	4	P301
32079534	SR75-1	C32/40	8	10:32	10:44	11:03	11:30			P213,P216
32079537	SR95-1	C32/40	8	11:04	11:18	11:34	11:47			P339,P301
32079539	SR75-1	C32/40	8	11:17	11:28	11:41	11:50			P213
32079543	SR95-1	C32/40	8	11:44	11:57	12:02	12:14			P339
32079546	SR75-1	C32/40	8	12:02	12:18	12:18	12:29	180	4	P228
32079549	SR95-1	C32/40	8	12:20	12:33	12:34	13:02			P339,P337
32079550	SR75-1	C32/40	8	12:24	12:38	13:03	13:12			P231,P228
32079558	SR95-1	C32/40	8	13:16	13:26	13:29	13:41			P337
32079560	SR75-1	C32/40	8	13:23	13:41	13:45	13:59			P225,P231
32079564	SR95-1	C32/40	8	13:45	14:02	14:10	14:21			P337,P466
32079566	SR75-1	C32/40	8	13:58	14:13	14:23	14:32			P225
32079570	SR75-1	C32/40	8	14:25	14:33	14:38	15:25			P222,P225
32079572	SR95-1	C32/40	8	14:37	14:51	14:52	15:04	180	4	P466
32079577	SR75-1	C32/40	8	15:09	15:28	15:32	15:43			P219,P222
32079578	SR95-1	C32/40	8	15:27	15:36	15:45	15:54			P460,P466
32079581	SR75-1	C32/40	8	15:49	15:59	16:05	16:15			P219
32079585	SR95-1	C32/40	8	16:07	16:15	16:23	16:37			P460
32079856	SR75-1	C32/40	8	16:10	16:20	16:24	16:39			P219
32079588	SR95-1	C32/40	8	16:41	16:54	16:54	17:09			P460
Totals:			**264 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	264

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

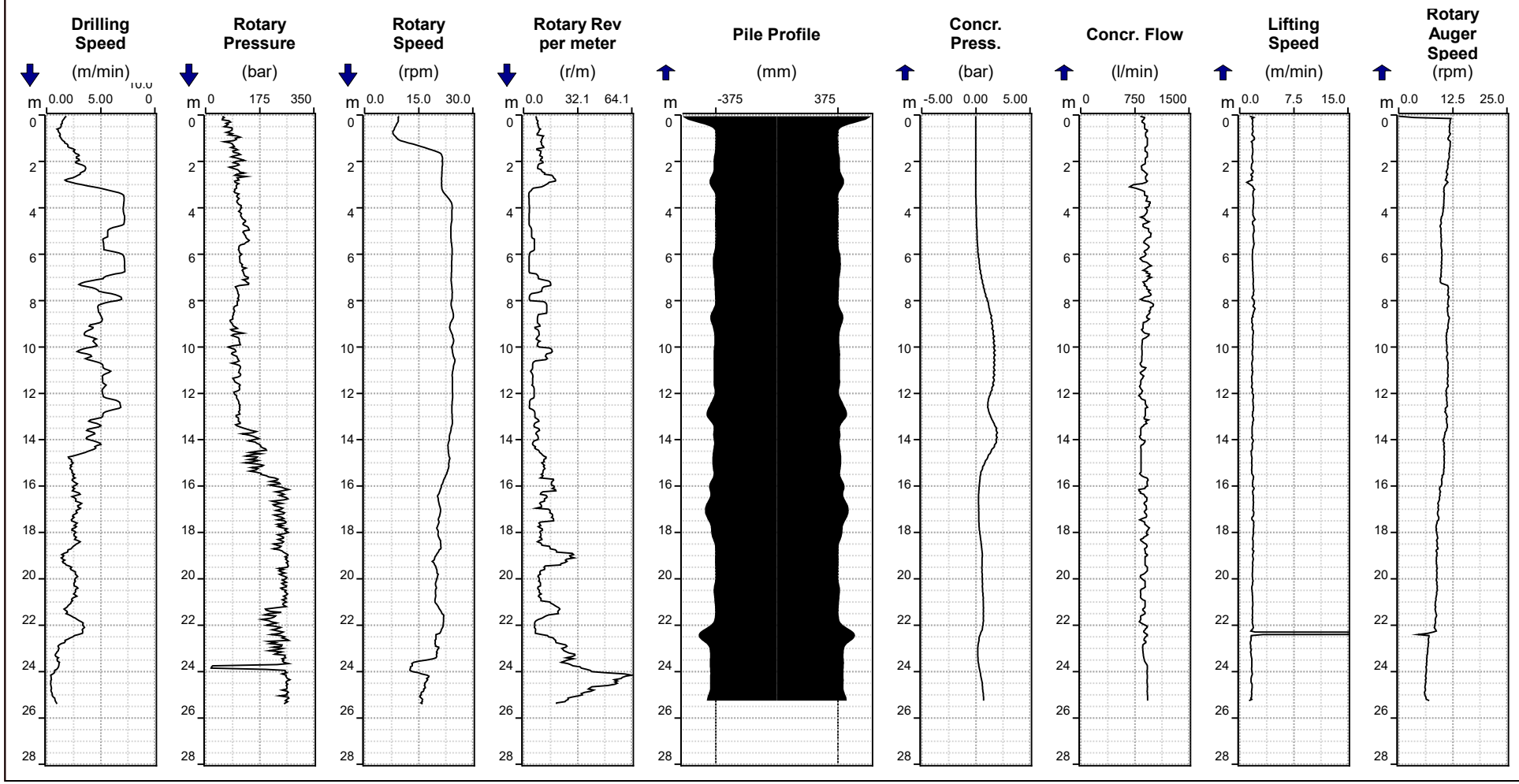
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	10:53 22/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P301**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	24/04/2025	Start:	24/04/2025
Time:	10:42:33	Time:	11:00:52
End:	24/04/2025	End:	24/04/2025
Time:	11:00:07	Time:	11:15:50
Design Depth	25.40 m	Concreting Start Depth:	25.27 m
Depth Reached	25.41 m	Total Concrete Volume:	12.59 m³
		Overbreak	12 %
		Total Pump Strokes:	404

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.06 °
Mast Tilt (Y):	-0.24 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	15:28
Weather	Sunny	**Drilling - Finish Time**	15:45
Rig	5422 - Soilmec SR75	**Date Constructed**	29/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P302	1.540	**-22.500**	2.740	T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540035.561	180139.598
As-built	540035.623	180139.426
Difference	0.062	-0.172
Vector (m)	0.183	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P302	750	**-22.560**	2.740	T7	1 x 24m 1No D47	C32/40	DC-4	25.460

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	270
Average Revolutions/m Penetration	10.6

Concreting	
As-Built Volume (m^3)	13.55
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	20%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**
Pile location obstructed, tried 300mm North and South but still obstructed, after discussion with engineer asked to try 200mm East from Design location. Pile installed successfully 180mm from design location.	

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	29/04/2025
Air Temperature during Concreting	15°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079779	SR75-1	C32/40	8	07:33	07:42	07:50	08:13			P475
32079780	SR95-1	C32/40	8	07:35	07:47	08:07	09:06	180	4	P431
32079781	SR75-1	C32/40	8	07:43	07:53	08:21	08:44			P473,P475
32079783	SR75-1	C32/40	8	07:52	08:03	08:44	08:55			P473
32079785	SR95-1	C32/40	8	08:07	08:17	09:07	09:24			P431
32079789	SR75-1	C32/40	8	09:00	09:16	09:20	09:39			P473,P467
32079792	SR75-1	C32/40	8	09:18	09:28	09:40	10:09	180	4	P467
32079798	SR75-1	C32/40	8	10:14	10:25	10:42	10:54			P689,P467
32079803	SR75-1	C32/40	8	10:56	11:06	11:22	11:46			P689,P461
32079805	SR75-1	C32/40	8	11:04	11:17	11:46	12:00	170	4	P461
32079812	SR75-1	C32/40	8	11:55	12:09	12:24	12:52			P302,P461
32079813	SR75-1	C32/40	8	12:04	21:15	12:53	13:26			P302
32079814	SR75-1	C32/40	8	12:16	12:24	13:45	14:05			P302
Totals:			**104 m3**					**$\bar{X}$ = 177**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	104

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	29/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

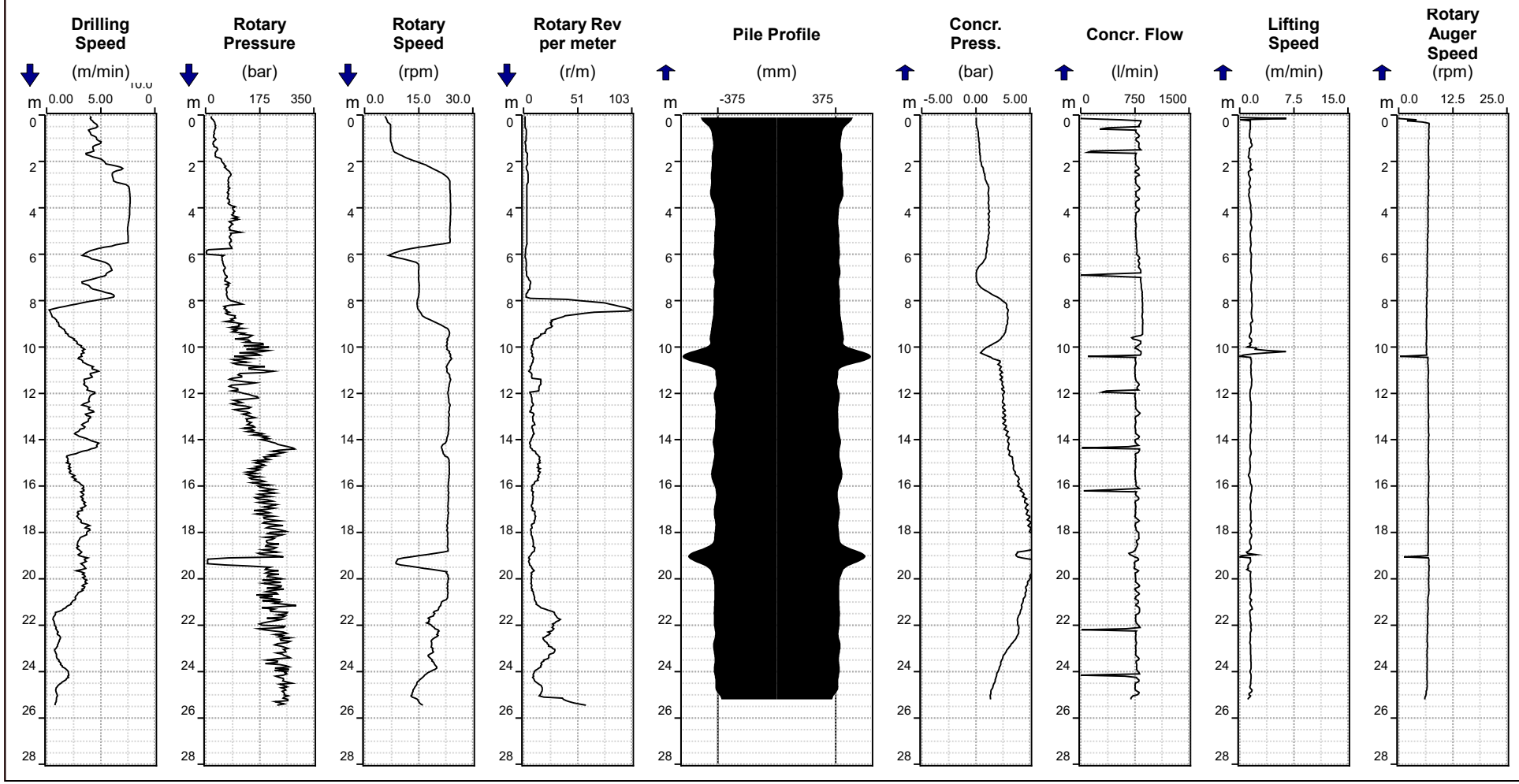
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	17:42 29/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**p302#0001**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	29/04/2025	Start:	29/04/2025
Time:	15:28:35	Time:	15:46:46
End:	29/04/2025	End:	29/04/2025
Time:	15:45:28	Time:	16:38:49
Design Depth	25.40 m	Concreting Start Depth:	25.24 m
Depth Reached	25.46 m	Total Concrete Volume:	13.55 m³
		Overbreak	20 %
		Total Pump Strokes:	440

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.02 °
Mast Tilt (Y):	0.00 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	16:06
Weather	Cloudy	**Drilling - Finish Time**	16:21
Rig	5422 - Soilmec SR75	**Date Constructed**	14/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P303	1.540	**-22.500**	2.740		T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540030.293	180142.549
As-built	540030.326	180142.555
Difference	0.033	0.006
Vector (m)	0.034	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P303	750	**-22.520**	2.762	T7	1 x 24m 1No D47	C32/40	DC-4	25.420

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	246
Average Revolutions/m Penetration	9.7

Concreting	
As-Built Volume (m^3)	13.58
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	21%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	14/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079020	SR75-1	C32/40	8	07:35	07:45	07:57	08:06			P062
32079021	SR95-1	C32/40	8	07:39	07:50	08:01	08:11			P574
32079023	SR95-1	C32/40	8	08:03	08:20	08:30	08:49			P574,P627
32079022	SR75-1	C32/40	8	08:03	08:13	08:34	08:36			P062,P068
32079028	SR95-1	C32/40	8	08:43	08:58	08:59	09:08			P572,P627
32079030	SR75-1	C32/40	8	08:50	09:04	09:07	09:20			P068
32079029	SR95-1	C32/40	8	08:50	09:02	09:08	09:33			P572,P504
32079031	SR75-1	C32/40	8	08:51	09:06	09:20	09:41			P057,P068
32079032	SR95-1	C32/40	8	08:59	09:13	09:34	10:04			P504,P406
32078034	SR75-1	C32/40	8	09:21	09:41	09:45	10:59	170	4	P057
32079037	SR95-1	C32/40	8	09:46	09:59	10:05	10:31			P406,P569
32079038	SR95-1	C32/40	8	09:46	10:05	10:41	10:55	180	4	P569,P501
32079039	SR75-1	C32/40	8	09:49	10:11	11:01	11:16			P057,P299
32079040	SR95-1	C32/40	8	10:01	10:16	11:28	11:40			P564,P501
32079041	SR75-1	C32/40	8	10:06	10:19	11:32	11:45			P299,P293
32078046	SR95-1	C32/40	8	11:33	11:41	11:48	12:39			P564
32079047	SR75-1	C32/40	8	11:34	11:46	12:05	12:16			P293
32079048	SR75-1	C32/40	8	11:35	11:51	12:38	12:51			P293,P356
32079049	SR75-1	C32/40	8	12:10	12:21	12:53	13:41			P356
32079053	SR75-1	C32/40	8	12:52	13:00	13:53	14:08			P356,P305
32079061	SR95-1	C32/40	8	14:02	14:12	14:13	14:25			P561
32079062	SR75-1	C32/40	8	14:02	14:16	14:27	14:50			P305
32079063	SR95-1	C32/40	8	14:06	14:20	14:55	15:43			P561
32079072	SR75-1	C32/40	8	15:21	15:31	15:34	15:50			P305,P303
32079078	SR75-1	C32/40	7	16:32	16:41	16:43	16:54			P303
32079073	SR75-1	C32/40	8	15:21	15:37	15:51	16:08			P303
32079074	SR75-1	C32/40	8	15:44	15:52	16:08	16:37			P303
Totals:			**215 m3**					**$\bar{X}$ = 175**	**8**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	215

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	14/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

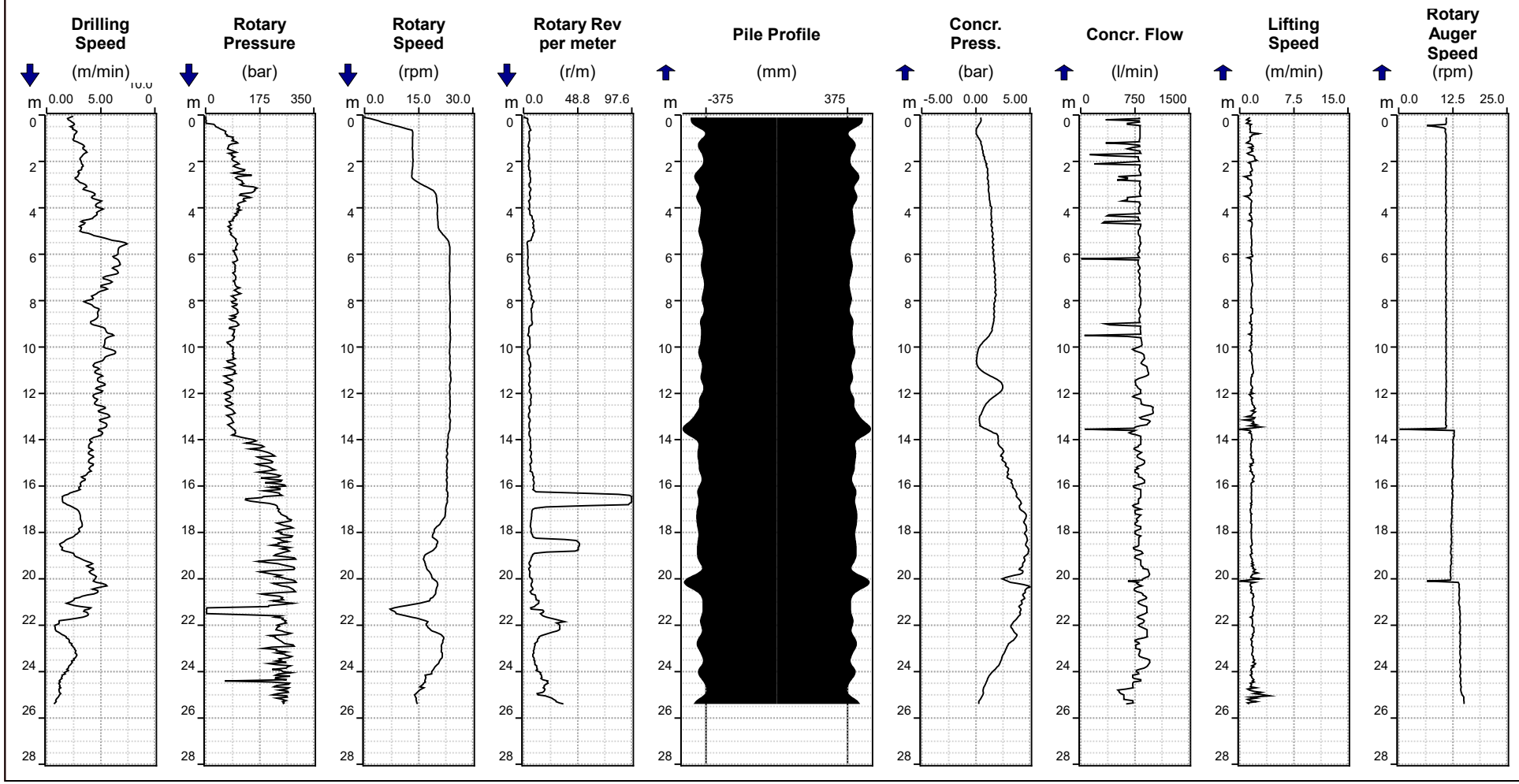
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:36 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P303**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	14/04/2025	Start:	14/04/2025
Time:	16:06:26	Time:	16:22:41
End:	14/04/2025	End:	14/04/2025
Time:	16:21:13	Time:	16:32:43
Design Depth	25.40 m	Concreting Start Depth:	25.42 m
Depth Reached	25.42 m	Total Concrete Volume:	13.58 m³
		Overbreak	21 %

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.09 °
Mast Tilt (Y):	-0.34 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:06
Weather	Sunny	**Drilling - Finish Time**	12:28
Rig	4928 - Soilmec SR95	**Date Constructed**	22/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P304	1.540	**-29.600**	2.740	T7	T8 x 1No D47	C32/40	DC-4	32.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540031.810	180140.315
As-built	540031.796	180140.315
Difference	-0.014	0.000
Vector (m)	0.014	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P304	750	**-29.650**	2.787	T7	1 x 27m 1No D47	C32/40	DC-4	32.550

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	364
Average Revolutions/m Penetration	11.2

Concreting	
As-Built Volume (m^3)	17.12
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	19%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	22/04/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079379	SR75-1	C32/40	8	08:05	08:17	08:24	08:40			P606
32079380	SR75-1	C32/40	8	08:13	08:23	08:50	09:08			P558,P606
32079381	SR75-1	C32/40	8	08:13	08:43	09:09	09:29			P558,P555
32079386	SR75-1	C32/40	8	09:17	09:27	09:31	09:44	180	4	P555
32079387	SR75-1	C32/40	8	09:27	09:46	10:02	10:18			P552
32079388	SR75-1	C32/40	8	10:03	10:15	10:40	10:57			P552,P547
32079390	SR75-1	C32/40	8	10:35	10:42	10:45	10:56			P545
32079391	SR75-1	C32/40	8	10:39	10:49	11:10	11:16			P605,P545
32079389	SR75-1	C32/40	8	10:24	10:52	11:17	10:26			P545,P547
32079392	SR75-1	C32/40	8	10:46	11:01	11:44	11:56			P605,P567
32079395	SR75-1	C32/40	8	11:43	11:56	12:12	12:43			P567,P611
32079396	SR95-1	C32/40	8	11:48	12:01	12:21	12:29			P304
32079397	SR95-1	C32/40	8	11:48	12:06	12:42	12:54			P304
32079403	SR75-1	C32/40	8	12:54	13:04	13:25	14:07			P611,P610
32079407	SR95-1	C32/40	8	13:33	13:46	13:53	14:09			P295,P304
32079404	SR75-1	C32/40	8	12:55	13:08	14:08	14:39			P610,P608
32079408	SR95-1	C32/40	8	13:35	13:52	14:10	14:20	190	4	P295
32079412	SR95-1	C32/40	8	14:41	14:53	14:47	15:24			P309,P295
32079411	SR75-1	C32/40	8	14:31	14:45	14:48	14:58			P608
32079420	SR75-1	C32/40	8	15:16	15:28	15:31	16:04			P608
32079421	SR95-1	C32/40	8	15:16	15:34	15:58	16:08	180	4	P309
32079422	SR75-1	C32/40	8	15:16	15:35	16:06	16:22			P607,P608
32079425	SR75-1	C32/40	8	16:01	16:10	16:23	16:59	170	4	P607
32079428	SR95-1	C32/40	8	16:39	16:52	16:59	17:15			P309
32079430	SR95-1	C32/40	8	16:45	16:56	17:15	17:48			P309
Totals:			**200 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	200

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	22/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

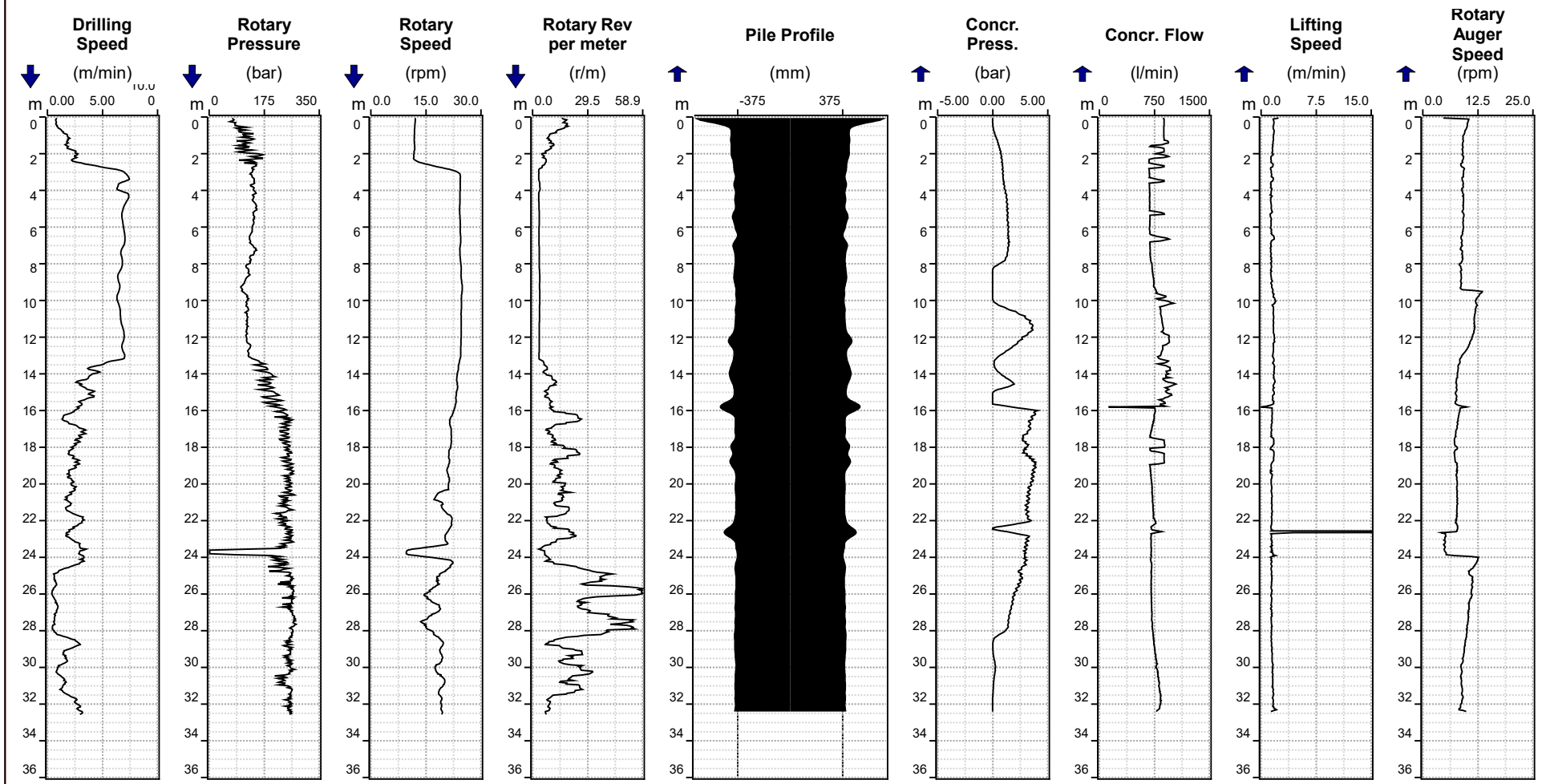
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	10:53 22/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**304**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	22/04/2025	Start:	22/04/2025
Time:	12:06:14	Time:	12:29:27
End:	22/04/2025	End:	22/04/2025
Time:	12:28:25	Time:	12:53:50
Design Depth	32.50 m	Concreting Start Depth:	32.43 m
Depth Reached	32.55 m	Total Concrete Volume:	17.12 m³
		Overbreak	19 %
		Total Pump Strokes:	538

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.10 °
Mast Tilt (Y):	-0.28 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	15:20
Weather	Cloudy	**Drilling - Finish Time**	15:36
Rig	5422 - Soilmec SR75	**Date Constructed**	14/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P305	1.540	**-22.500**	2.740		T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540033.327	180138.082
As-built	540033.300	180138.037
Difference	-0.027	-0.045
Vector (m)	0.052	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P305	750	**-22.500**	2.837	T7	1 x 24m 1No D47	C32/40	DC-4	25.400

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	324
Average Revolutions/m Penetration	12.8

Concreting	
As-Built Volume (m^3)	13.56
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	21%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	14/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079020	SR75-1	C32/40	8	07:35	07:45	07:57	08:06			P062
32079021	SR95-1	C32/40	8	07:39	07:50	08:01	08:11			P574
32079023	SR95-1	C32/40	8	08:03	08:20	08:30	08:49			P574,P627
32079022	SR75-1	C32/40	8	08:03	08:13	08:34	08:36			P062,P068
32079028	SR95-1	C32/40	8	08:43	08:58	08:59	09:08			P572,P627
32079030	SR75-1	C32/40	8	08:50	09:04	09:07	09:20			P068
32079029	SR95-1	C32/40	8	08:50	09:02	09:08	09:33			P572,P504
32079031	SR75-1	C32/40	8	08:51	09:06	09:20	09:41			P057,P068
32079032	SR95-1	C32/40	8	08:59	09:13	09:34	10:04			P504,P406
32078034	SR75-1	C32/40	8	09:21	09:41	09:45	10:59	170	4	P057
32079037	SR95-1	C32/40	8	09:46	09:59	10:05	10:31			P406,P569
32079038	SR95-1	C32/40	8	09:46	10:05	10:41	10:55	180	4	P569,P501
32079039	SR75-1	C32/40	8	09:49	10:11	11:01	11:16			P057,P299
32079040	SR95-1	C32/40	8	10:01	10:16	11:28	11:40			P564,P501
32079041	SR75-1	C32/40	8	10:06	10:19	11:32	11:45			P299,P293
32078046	SR95-1	C32/40	8	11:33	11:41	11:48	12:39			P564
32079047	SR75-1	C32/40	8	11:34	11:46	12:05	12:16			P293
32079048	SR75-1	C32/40	8	11:35	11:51	12:38	12:51			P293,P356
32079049	SR75-1	C32/40	8	12:10	12:21	12:53	13:41			P356
32079053	SR75-1	C32/40	8	12:52	13:00	13:53	14:08			P356,P305
32079061	SR95-1	C32/40	8	14:02	14:12	14:13	14:25			P561
32079062	SR75-1	C32/40	8	14:02	14:16	14:27	14:50			P305
32079063	SR95-1	C32/40	8	14:06	14:20	14:55	15:43			P561
32079072	SR75-1	C32/40	8	15:21	15:31	15:34	15:50			P305,P303
32079078	SR75-1	C32/40	7	16:32	16:41	16:43	16:54			P303
32079073	SR75-1	C32/40	8	15:21	15:37	15:51	16:08			P303
32079074	SR75-1	C32/40	8	15:44	15:52	16:08	16:37			P303
Totals:			**215 m3**					**$\bar{X}$ = 175**	**8**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	215

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	14/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

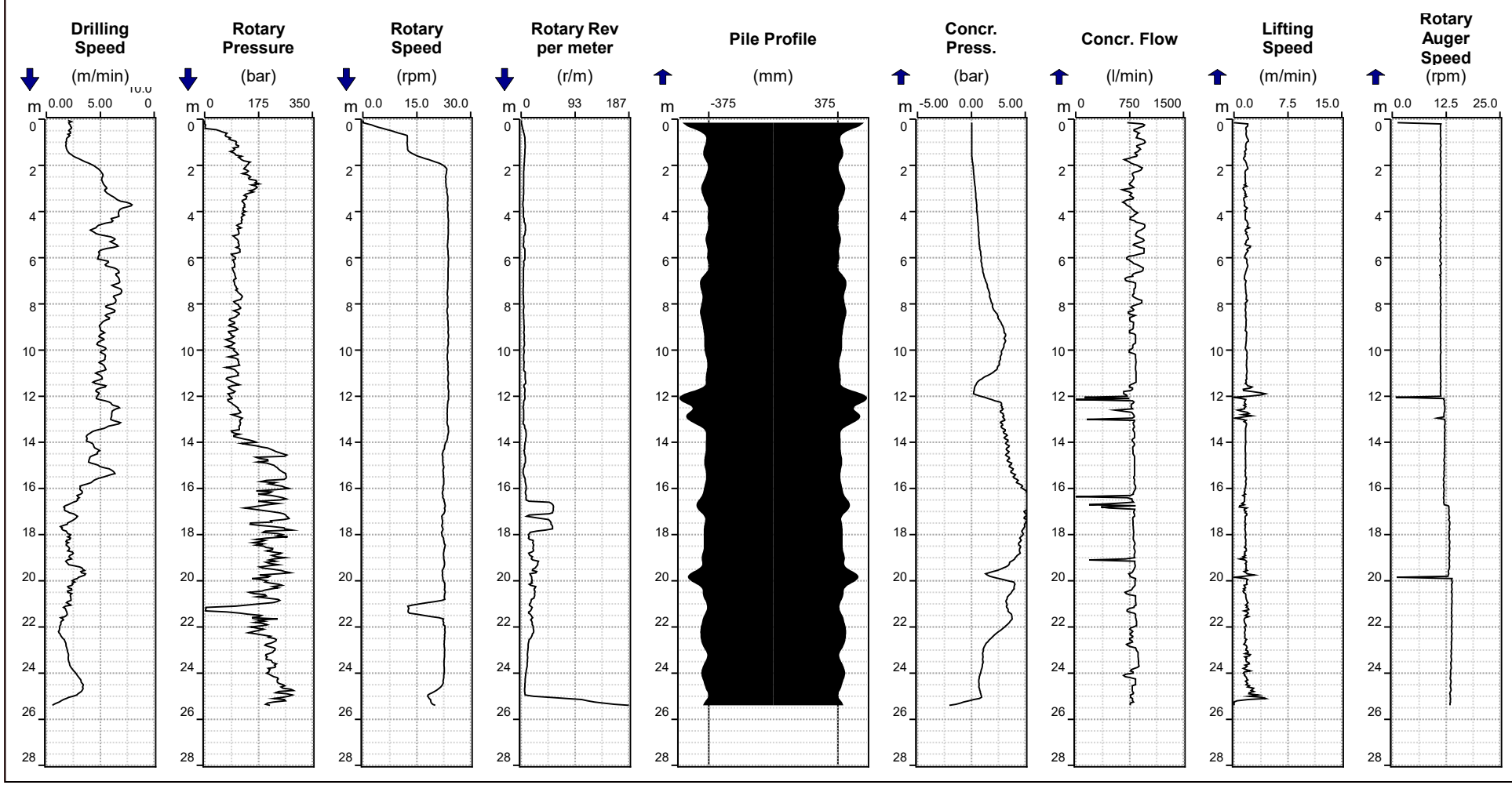
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:36 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P305**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	14/04/2025	Start:	14/04/2025
Time:	15:20:22	Time:	15:39:41
End:	14/04/2025	End:	14/04/2025
Time:	15:36:31	Time:	16:01:37
Design Depth	25.40 m	Concreting Start Depth:	25.40 m
Depth Reached	25.40 m	Total Concrete Volume:	13.56 m³
		Overbreak	21 %
		Total Pump Strokes:	440

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.02 °
Mast Tilt (Y):	0.53 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	08:14
Weather	Sunny	**Drilling - Finish Time**	08:26
Rig	5422 - Soilmec SR75	**Date Constructed**	11/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P306	1.540	**-22.500**	2.740	T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540028.060	180141.032
As-built	540028.037	180141.081
Difference	-0.023	0.049
Vector (m)	0.054	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P306	750	**-22.510**	2.781	T7	1 x 24m 1No D47	C32/40	DC-4	25.410

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	216
Average Revolutions/m Penetration	8.5

Concreting	
As-Built Volume (m^3)	13.39
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	19%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	11/04/2025
Air Temperature during Concreting	15°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078928	SR95-1	C32/40	8	07:26	07:37	07:50	07:59	160	4	P155
32078929	SR75-1	C32/40	8	07:31	07:45	07:53	08:08			P306
32078932	SR75-1	C32/40	8	07:53	08:10	08:17	08:28			P306,P300
32078931	SR95-1	C32/40	8	07:51	08:02	08:25	08:41			P155,P158
32078933	SR75-1	C32/40	8	08:03	08:15	08:41	08:54			P300
32078938	SR95-1	C32/40	8	08:37	08:51	08:51	09:01			P158,P159
32078939	SR95-1	C32/40	8	08:39	08:53	09:23	10:07			P085,P159
32078940	SR75-1	C32/40	8	08:44	08:59	09:23	09:36			P357,P300
32078941	SR75-1	C32/40	8	08:55	09:05	09:37	09:45	180	4	P357
32078943	SR75-1	C32/40	8	09:00	09:19	09:53	10:20			P357,P296
32078954	SR95-1	C32/40	8	09:59	10:10	10:15	10:25			P085,P162
32078956	SR75-1	C32/40	8	10:12	10:21	10:25	10:51			P292,P296
32078955	SR95-1	C32/40	8	10:00	10:18	10:28	10:51			P162
32078957	SR75-1	C32/40	8	10:13	10:28	10:52	10:57			P292
32078961	SR95-1	C32/40	8	10:34	10:45	10:53	11:07			P162,P165
32078964	SR95-1	C32/40	8	10:58	11:07	11:25	11:51			P165,P168
32078966	SR75-1	C32/40	8	11:08	11:16	11:32	11:41			P294,P292
32078969	SR95-1	C32/40	8	11:19	11:35	11:54	12:34			P171,P168
32078972	SR75-1	C32/40	8	11:34	11:49	12:05	12:17			P071,P294
32078978	SR75-1	C32/40	8	12:11	12:26	12:30	12:51			P071
32078981	SR95-1	C32/40	8	12:25	12:43	12:46	12:56			P116,P171
32078983	SR75-1	C32/40	8	12:36	12:53	13:20	13:28			P071
32078985	SR95-1	C32/40	8	12:58	13:10	13:35	13:58	170	4	P116
32078992	SR95-1	C32/40	8	13:42	13:51	14:12	14:36			P107,P116
32078996	SR75-1	C32/40	8	14:01	14:16	14:20	14:29			P071,P065
32078994	SR95-1	C32/40	8	13:54	14:07	14:38	14:51			P107
32078999	SR75-1	C32/40	8	14:23	14:40	14:51	15:02			P065
32079003	SR75-1	C32/40	8	14:47	15:02	15:07	15:38			P065
32079004	SR75-1	C32/40	8	14:48	15:07	15:42	15:52			P059,P065
32079012	SR75-1	C32/40	6.5	15:54	16:02	16:06	16:20			P059
32079016	SR75-1	C32/40	2.5	16:24	16:30	16:33	16:40			P059
Totals:			**241 m3**					**$\bar{X}$ = 170**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	241

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	11/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

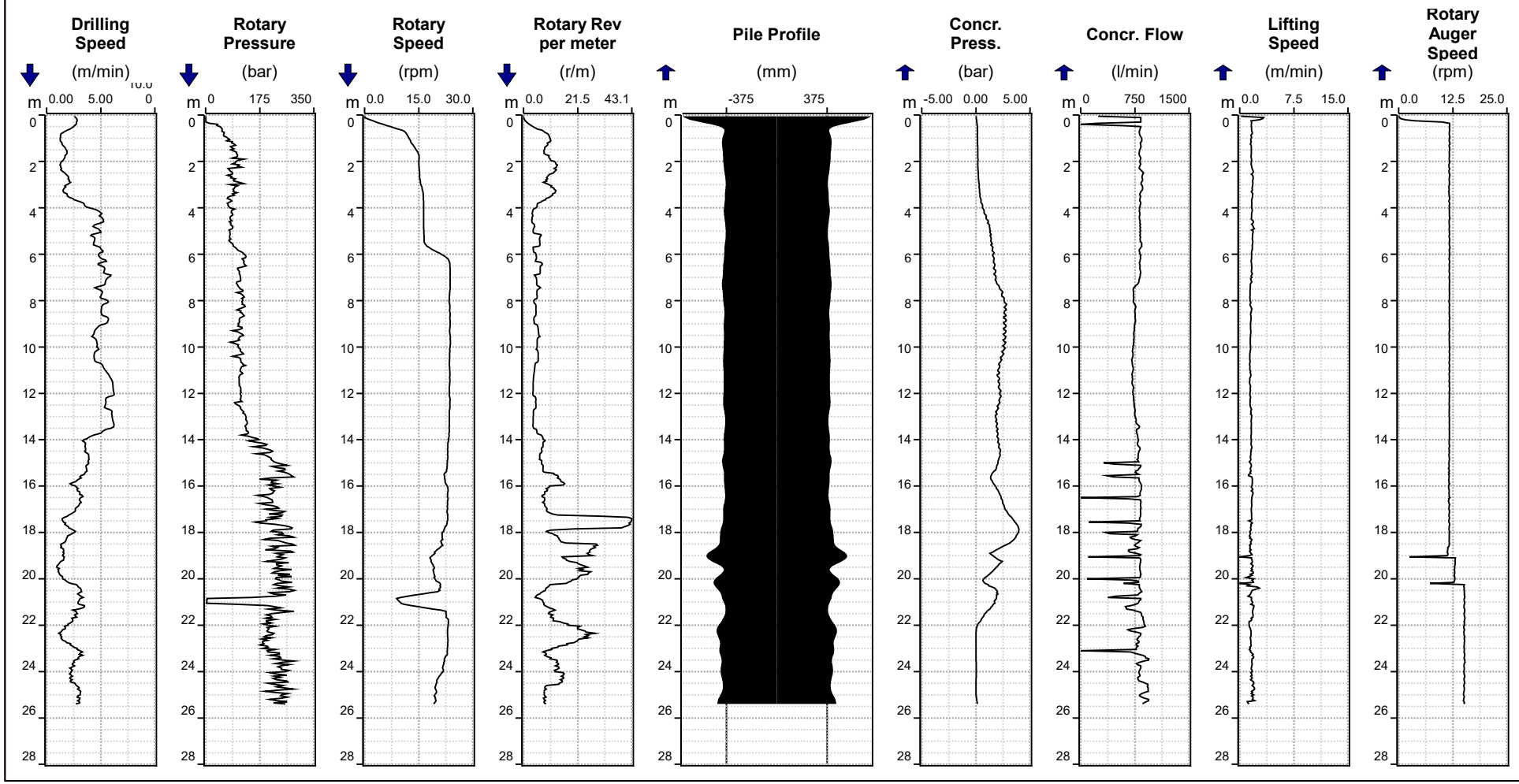
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:39 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P306**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	11/04/2025	Start:	11/04/2025
Time:	08:14:37	Time:	08:26:47
End:	11/04/2025	End:	11/04/2025
Time:	08:26:13	Time:	08:46:18
Design Depth	25.40 m	Concreting Start Depth:	25.41 m
Depth Reached	25.41 m	Total Concrete Volume:	13.39 m³
		Overbreak	19 %
		Total Pump Strokes:	435

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.02 °
Mast Tilt (Y):	-0.13 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	14:25
Weather	Cloudy	**Drilling - Finish Time**	14:48
Rig	4928 - Soilmec SR95	**Date Constructed**	08/05/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P307	1.540	**-29.600**	2.740	T7	T8 x 1No D47	C32/40	DC-4	32.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540029.576	180138.799
As-built	540029.602	180138.806
Difference	0.026	0.007
Vector (m)	0.027	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P307	750	**-29.640**	2.769	T7	1 x 27m 1No D47	C32/40	DC-4	32.540

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	424
Average Revolutions/m Penetration	13.0

Concreting	
As-Built Volume (m^3)	16.23
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	13%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	08/05/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32080202	SR95-1	C32/40	8	07:36	07:45	07:51	08:01	180	4	P470
32080204	SR95-1	C32/40	8	07:43	07:57	08:25	08:37			P465,P470
32080206	SR95-1	C32/40	8	08:02	08:13	08:40	08:50			P465
32080210	SR95-1	C32/40	8	08:55	09:07	09:10	09:33			P465,P459
32080213	SR95-1	C32/40	8	09:11	09:23	09:35	09:47			P459
32080219	SR95-1	C32/40	8	09:54	10:14	10:16	10:30			P459,P211
32080221	SR95-1	C32/40	8	10:07	10:19	10:30	10:39	190	4	P211
32080223	SR95-1	C32/40	8	10:17	10:30	11:06	11:20			P469,P211
32080224	SR95-1	C32/40	8	10:22	10:34	11:21	11:31			P469
32080235	SR95-1	C32/40	8	11:32	11:48	11:51	12:22			P359,P469
32080251	SR95-1	C32/40	8	13:15	13:26	13:30	13:42			P359
32080253	SR95-1	C32/40	8	13:29	13:37	13:56	14:15			P307,P359
32080265	SR95-1	C32/40	8	14:36	14:48	14:50	15:01			P307
32080267	SR95-1	C32/40	8	14:54	15:03	15:06	15:18			P307,P298
32080274	SR95-1	C32/40	8	15:27	15:38	15:42	15:47			P298
32080278	SR95-1	C32/40	8	15:41	15:33	15:58	16:16			P298
Totals:			**128 m3**					**$\bar{X}$ = 185**	**8**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	128

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	08/05/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

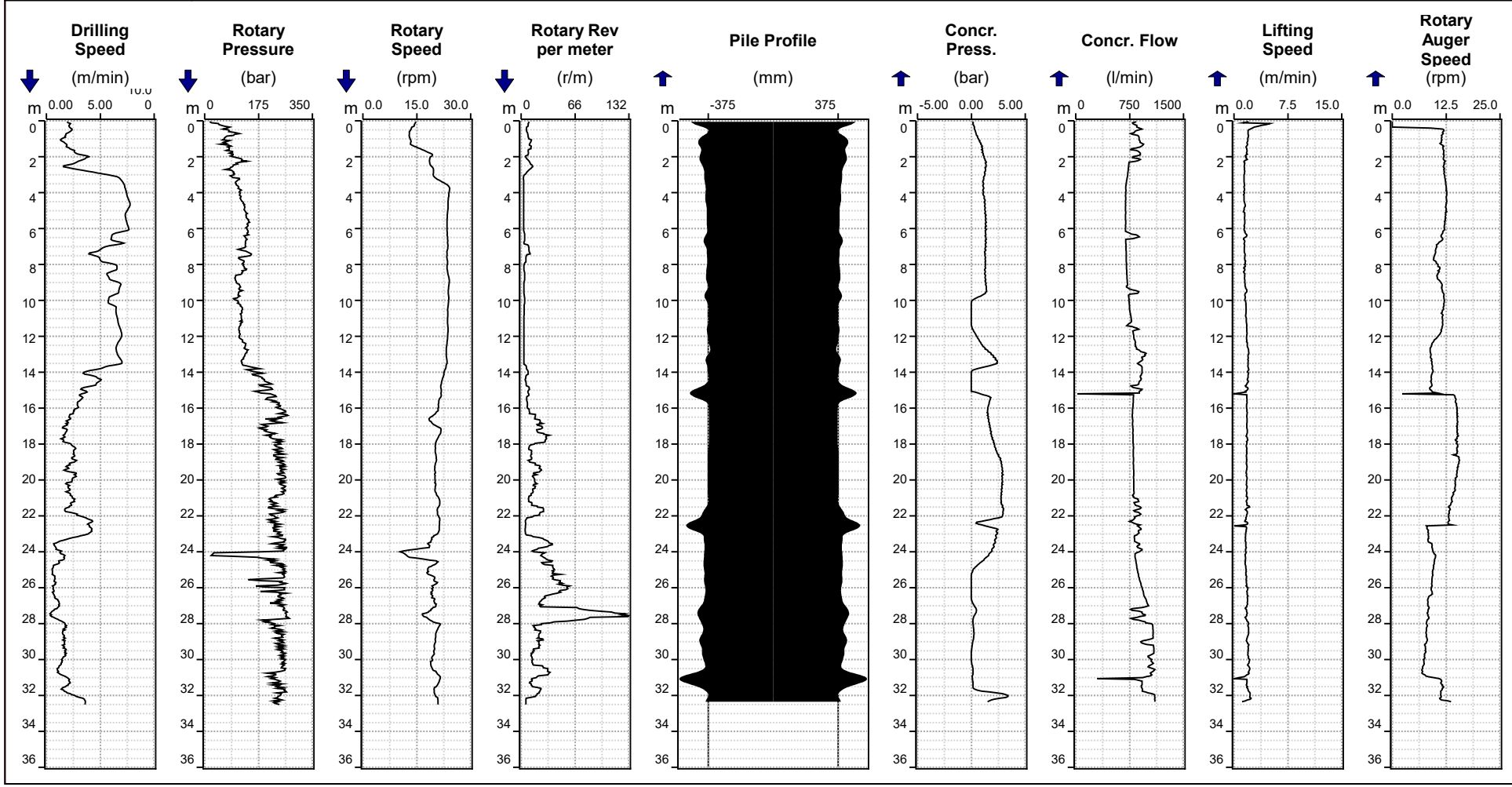
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	17:42 29/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P307**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	08/05/2025	Start:	08/05/2025
Time:	14:25:05	Time:	14:50:13
End:	08/05/2025	End:	08/05/2025
Time:	14:48:37	Time:	15:16:40
Design Depth	32.50 m	Concreting Start Depth:	32.37 m
Depth Reached	32.54 m	Total Concrete Volume:	16.23 m³
		Overbreak	13 %
		Total Pump Strokes:	526

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.06 °
Mast Tilt (Y):	0.19 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:03
Weather	Sunny	**Drilling - Finish Time**	09:14
Rig	4928 - Soilmec SR95	**Date Constructed**	24/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P308	1.540	**-22.500**	2.740	T7	T8 x 1No D47	C32/40	DC-4	25.400

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540031.093	180136.565
As-built	540031.096	180136.585
Difference	0.003	0.020
Vector (m)	0.020	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P308	750	**-22.510**	2.775	T7	1 x 24m 1No D47	C32/40	DC-4	25.410

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	177
Average Revolutions/m Penetration	7.0

Concreting	
As-Built Volume (m^3)	12.47
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	11%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079506	SR75-1	C32/40	8	07:39	07:49	07:59	08:09			P549
32079507	SR95-1	C32/40	8	07:42	07:56	08:08	08:17			P358
32079509	SR75-1	C32/40	8	07:57	08:05	08:11	08:42			P549,P481
32079513	SR75-1	C32/40	8	08:16	08:30	08:41	08:54			P476,P481
32079511	SR95-1	C32/40	8	08:07	08:19	08:42	08:55			P358
32079514	SR95-1	C32/40	8	08:22	08:35	08:58	09:21			P308,P358
32079516	SR75-1	C32/40	8	09:01	09:10	09:15	09:26	180	4	P476
32079517	SR95-1	C32/40	8	09:03	09:15	09:23	09:38			P308,P040
32079518	SR75-1	C32/40	8	09:04	09:24	09:28	09:44			P601
32079522	SR95-1	C32/40	8	09:30	09:44	10:12	10:23			P040
32079524	SR75-1	C32/40	8	09:39	09:56	10:13	10:25			P601,P456
32079525	SR95-1	C32/40	8	09:46	09:57	10:28	10:42			P301,P040
32079528	SR75-1	C32/40	8	10:01	10:11	10:29	11:03			P456,P216
32079532	SR95-1	C32/40	8	10:16	10:34	10:43	11:06	180	4	P301
32079534	SR75-1	C32/40	8	10:32	10:44	11:03	11:30			P213,P216
32079537	SR95-1	C32/40	8	11:04	11:18	11:34	11:47			P339,P301
32079539	SR75-1	C32/40	8	11:17	11:28	11:41	11:50			P213
32079543	SR95-1	C32/40	8	11:44	11:57	12:02	12:14			P339
32079546	SR75-1	C32/40	8	12:02	12:18	12:18	12:29	180	4	P228
32079549	SR95-1	C32/40	8	12:20	12:33	12:34	13:02			P339,P337
32079550	SR75-1	C32/40	8	12:24	12:38	13:03	13:12			P231,P228
32079558	SR95-1	C32/40	8	13:16	13:26	13:29	13:41			P337
32079560	SR75-1	C32/40	8	13:23	13:41	13:45	13:59			P225,P231
32079564	SR95-1	C32/40	8	13:45	14:02	14:10	14:21			P337,P466
32079566	SR75-1	C32/40	8	13:58	14:13	14:23	14:32			P225
32079570	SR75-1	C32/40	8	14:25	14:33	14:38	15:25			P222,P225
32079572	SR95-1	C32/40	8	14:37	14:51	14:52	15:04	180	4	P466
32079577	SR75-1	C32/40	8	15:09	15:28	15:32	15:43			P219,P222
32079578	SR95-1	C32/40	8	15:27	15:36	15:45	15:54			P460,P466
32079581	SR75-1	C32/40	8	15:49	15:59	16:05	16:15			P219
32079585	SR95-1	C32/40	8	16:07	16:15	16:23	16:37			P460
32079856	SR75-1	C32/40	8	16:10	16:20	16:24	16:39			P219
32079588	SR95-1	C32/40	8	16:41	16:54	16:54	17:09			P460
Totals:			**264 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	264

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/04/2025

Cage Reference:	Type T7

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

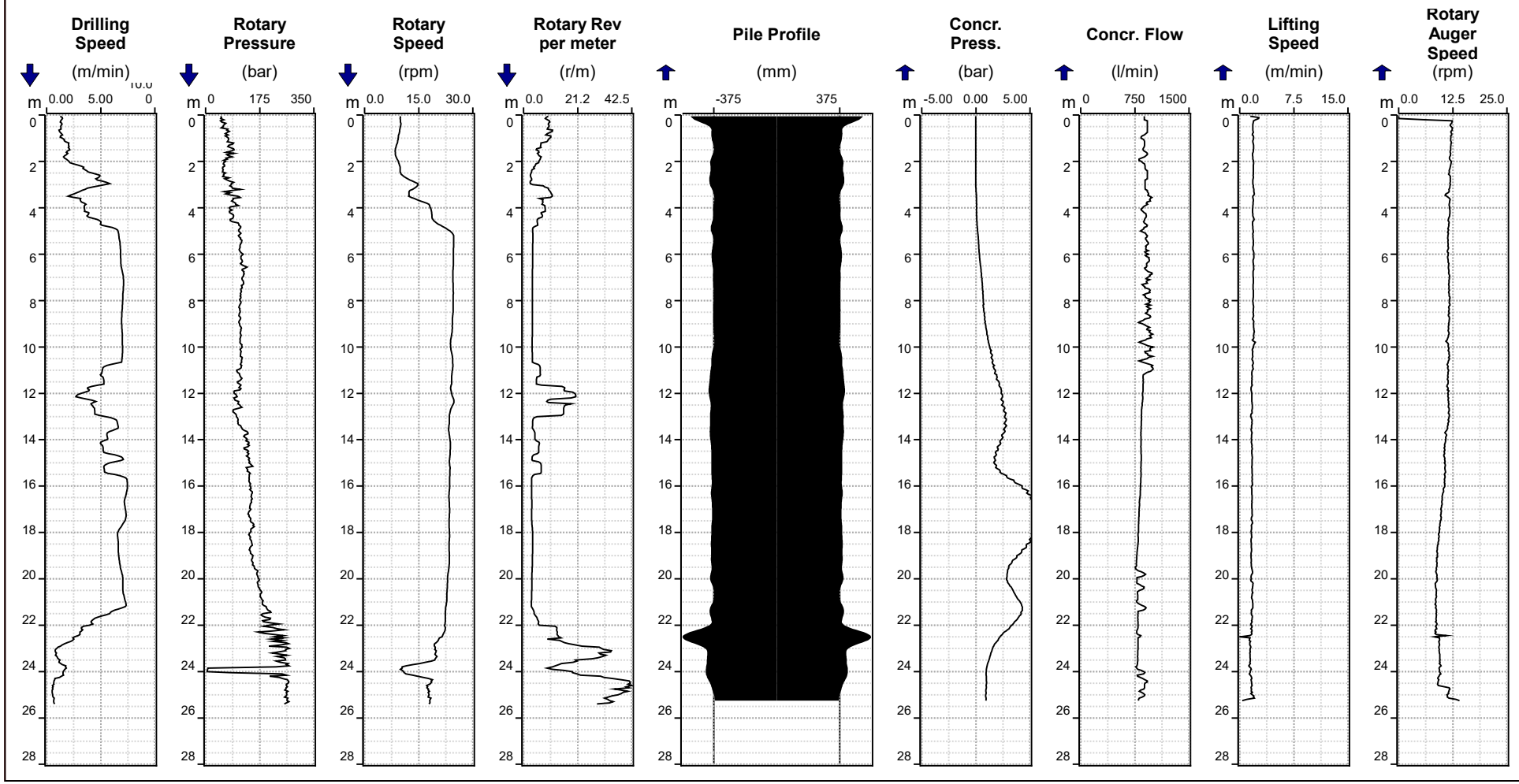
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	10:53 22/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P308**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	24/04/2025	Start:	24/04/2025
Time:	09:03:42	Time:	09:15:10
End:	24/04/2025	End:	24/04/2025
Time:	09:14:24	Time:	09:30:17
Design Depth	25.40 m	Concreting Start Depth:	25.28 m
Depth Reached	25.41 m	Total Concrete Volume:	12.47 m³
		Overbreak	11 %
		Total Pump Strokes:	404

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.11 °
Mast Tilt (Y):	-0.10 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	15:13
Weather	Sunny	**Drilling - Finish Time**	15:49
Rig	4928 - Soilmec SR95	**Date Constructed**	22/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P309	1.540	**-29.600**	2.790	T6	T8 x 1No D47	C32/40	DC-4	32.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540040.894	180139.020
As-built	540040.886	180138.991
Difference	-0.008	-0.029
Vector (m)	0.030	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P309	750	**-29.830**	3.300	T6	1 x 27m 1No D47	C32/40	DC-4	32.730

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	206
Average Revolutions/m Penetration	6.3

Concreting	
As-Built Volume (m^3)	16.96
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	17%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?
Working Test pile rebar left high so it can lap into the working test pile cap.

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	22/04/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079379	SR75-1	C32/40	8	08:05	08:17	08:24	08:40			P606
32079380	SR75-1	C32/40	8	08:13	08:23	08:50	09:08			P558,P606
32079381	SR75-1	C32/40	8	08:13	08:43	09:09	09:29			P558,P555
32079386	SR75-1	C32/40	8	09:17	09:27	09:31	09:44	180	4	P555
32079387	SR75-1	C32/40	8	09:27	09:46	10:02	10:18			P552
32079388	SR75-1	C32/40	8	10:03	10:15	10:40	10:57			P552,P547
32079390	SR75-1	C32/40	8	10:35	10:42	10:45	10:56			P545
32079391	SR75-1	C32/40	8	10:39	10:49	11:10	11:16			P605,P545
32079389	SR75-1	C32/40	8	10:24	10:52	11:17	10:26			P545,P547
32079392	SR75-1	C32/40	8	10:46	11:01	11:44	11:56			P605,P567
32079395	SR75-1	C32/40	8	11:43	11:56	12:12	12:43			P567,P611
32079396	SR95-1	C32/40	8	11:48	12:01	12:21	12:29			P304
32079397	SR95-1	C32/40	8	11:48	12:06	12:42	12:54			P304
32079403	SR75-1	C32/40	8	12:54	13:04	13:25	14:07			P611,P610
32079407	SR95-1	C32/40	8	13:33	13:46	13:53	14:09			P295,P304
32079404	SR75-1	C32/40	8	12:55	13:08	14:08	14:39			P610,P608
32079408	SR95-1	C32/40	8	13:35	13:52	14:10	14:20	190	4	P295
32079412	SR95-1	C32/40	8	14:41	14:53	14:47	15:24			P309,P295
32079411	SR75-1	C32/40	8	14:31	14:45	14:48	14:58			P608
32079420	SR75-1	C32/40	8	15:16	15:28	15:31	16:04			P608
32079421	SR95-1	C32/40	8	15:16	15:34	15:58	16:08	180	4	P309
32079422	SR75-1	C32/40	8	15:16	15:35	16:06	16:22			P607,P608
32079425	SR75-1	C32/40	8	16:01	16:10	16:23	16:59	170	4	P607
32079428	SR95-1	C32/40	8	16:39	16:52	16:59	17:15			P309
32079430	SR95-1	C32/40	8	16:45	16:56	17:15	17:48			P309
Totals:			**200 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	200

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	22/04/2025

Cage Reference:	Type T6

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

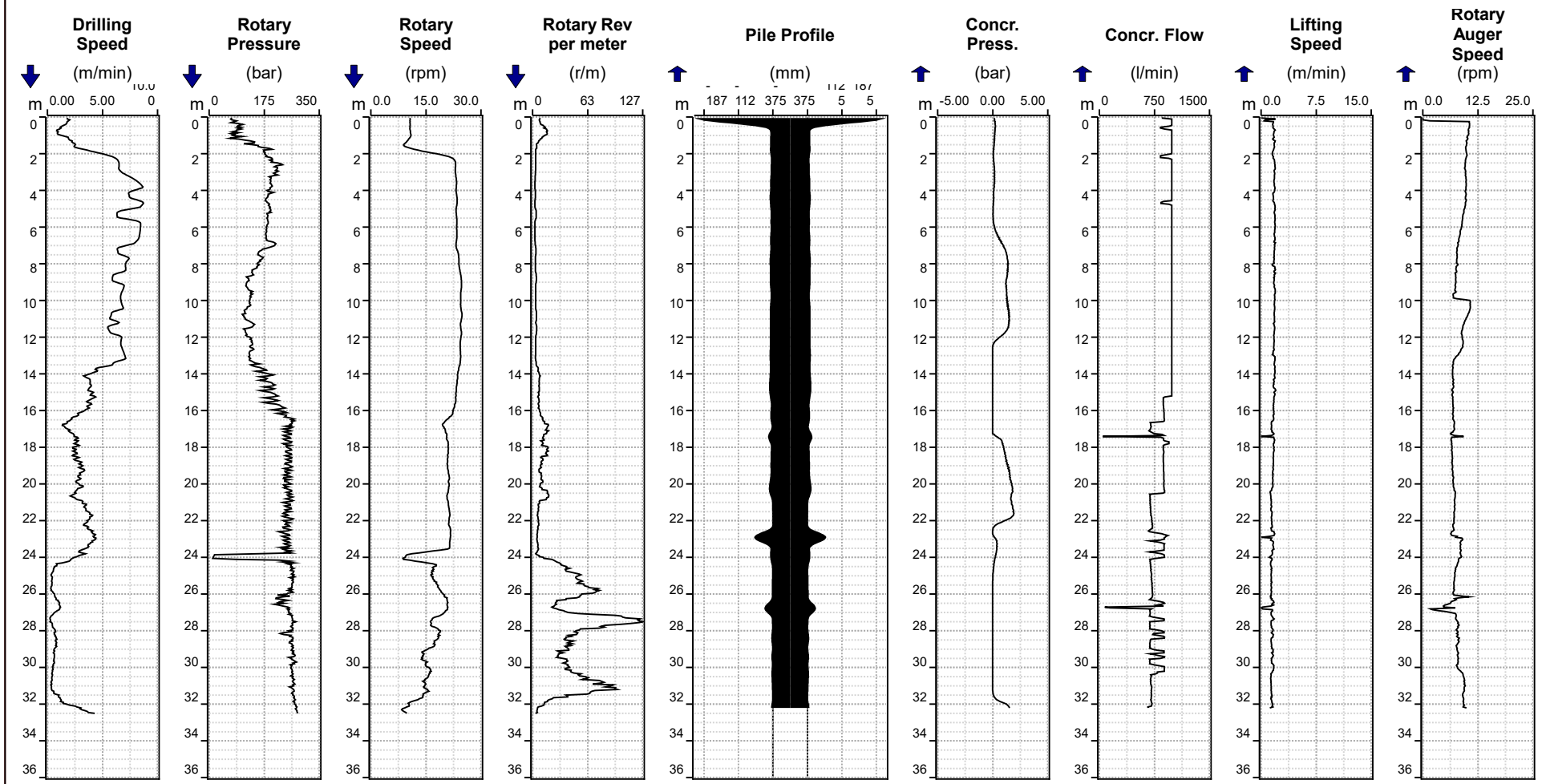
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	10:52 22/04/2025	Osama Kheraldin	11:45 08/05/2025

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P309**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	22/04/2025	Start:	22/04/2025
Time:	15:13:41	Time:	15:50:40
End:	22/04/2025	End:	22/04/2025
Time:	15:49:42	Time:	16:21:52
Design Depth	32.50 m	Concreting Start Depth:	32.22 m
Depth Reached	32.55 m	Total Concrete Volume:	23.55 m³
		Overbreak	64 %
		Total Pump Strokes:	765

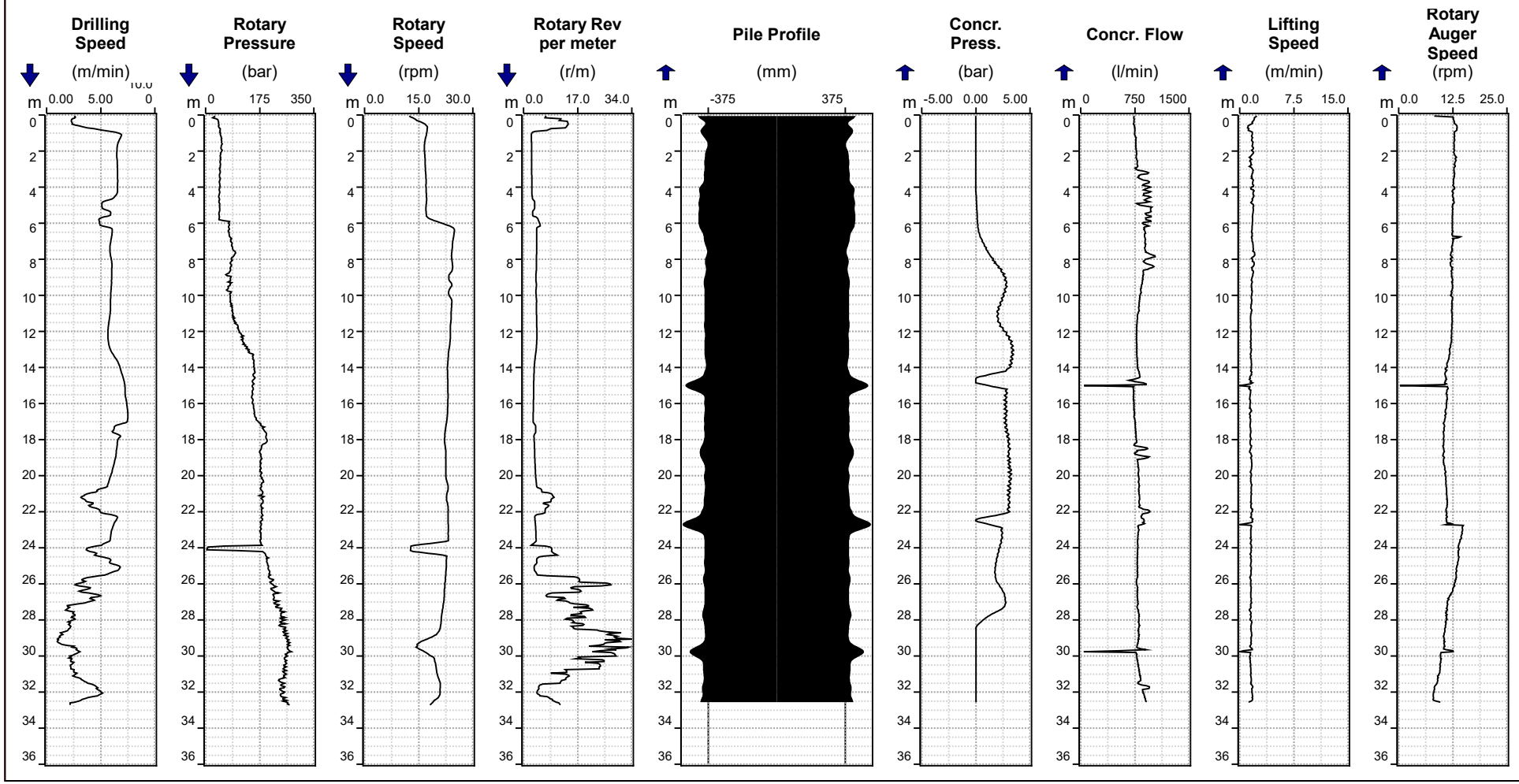
Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.01 °
Mast Tilt (Y):	-0.18 °



Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P309r**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	22/04/2025	Start:	22/04/2025
Time:	16:44:30	Time:	16:56:31
End:	22/04/2025	End:	22/04/2025
Time:	16:55:52	Time:	17:25:04
Design Depth	32.50 m	Concreting Start Depth:	32.58 m
Depth Reached	32.73 m	Total Concrete Volume:	16.96 m³
		Overbreak	17 %
		Total Pump Strokes:	548

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.01 °
Mast Tilt (Y):	-0.01 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	15:50
Weather	Cloudy	**Drilling - Finish Time**	16:14
Rig	4928 - Soilmec SR95	**Date Constructed**	23/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P310	1.540	**-29.600**	2.790	T6	T8 x 1No D47	C32/40	DC-4	32.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	1.360	1.360

Pile Position	**Eastings**	**Northings**
Design	540038.661	180137.503
As-built	540038.634	180137.512
Difference	-0.027	0.009
Vector (m)	0.028	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P310	750	**-29.650**	2.818	T6	1 x 27m 1No D47	C32/40	DC-4	32.550

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	431
Average Revolutions/m Penetration	13.2

Concreting	
As-Built Volume (m^3)	15.92
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	11%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	23/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079434	SR95-1	C32/40	8	07:47	07:56	07:59	08:55	170	4	P145
32079433	SR75-1	C32/40	8	07:45	07:56	08:09	08:16			P559
32079435	SR75-1	C32/40	8	07:50	08:08	08:17	08:45			P556,P559
32079436	SR75-1	C32/40	8	08:01	08:09	08:47	08:54			P609,P556
32079437	SR95-1	C32/40	8	08:03	08:15	08:58	09:15			P212,P145
32079443	SR75-1	C32/40	8	08:58	09:08	09:14	09:26	180	4	P609
32079444	SR75-1	C32/40	8	08:59	09:11	09:44	10:01			P553,P609
32079445	SR95-1	C32/40	8	09:00	09:17	09:47	10:20			P212
32079449	SR75-1	C32/40	8	09:28	09:41	10:01	10:12			P553,P550
32079451	SR75-1	C32/40	8	09:40	09:53	10:25	12:28			P550,P546
32079452	SR95-1	C32/40	8	09:45	09:57	10:26	11:52			P338,P212
32079456	SR75-1	C32/40	8	10:33	10:50	12:35	12:59			P546
32079474	SR95-1	C32/40	8	12:46	13:01	13:03	13:16	170	4	P338
32079475	SR75-1	C32/40	8	12:54	13:05	13:17	13:43			P546
32079479	SR95-1	C32/40	8	13:22	13:32	13:35	13:52			P691,P338
32079485	SR95-1	C32/40	8	14:08	14:19	14:23	14:38			P691
32079486	SR75-1	C32/40	8	14:10	14:24	15:01	15:19			P223
32079491	SR95-1	C32/40	8	14:57	15:08	15:12	15:30			P209,P691
32079492	SR75-1	C32/40	8	15:02	15:14	15:31	15:42			P223
32079496	SR95-1	C32/40	8	15:27	15:45	15:48	16:00			P209
32079498	SR95-1	C32/40	8	14:47	15:59	16:26	16:27			P310,P209
32079500	SR95-1	C32/40	8	16:01	16:13	16:27	16:43			P310
32079501	SR75-1	C32/40	8	16:07	16:17	16:27	16:42			P223
32079503	SR95-1	C32/40	2.5	16:38	16:44	16:47	16:56			P310
Totals:			**186.5 m3**					**$\bar{X}$ = 173**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	186.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	23/04/2025

Cage Reference:	Type T6

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

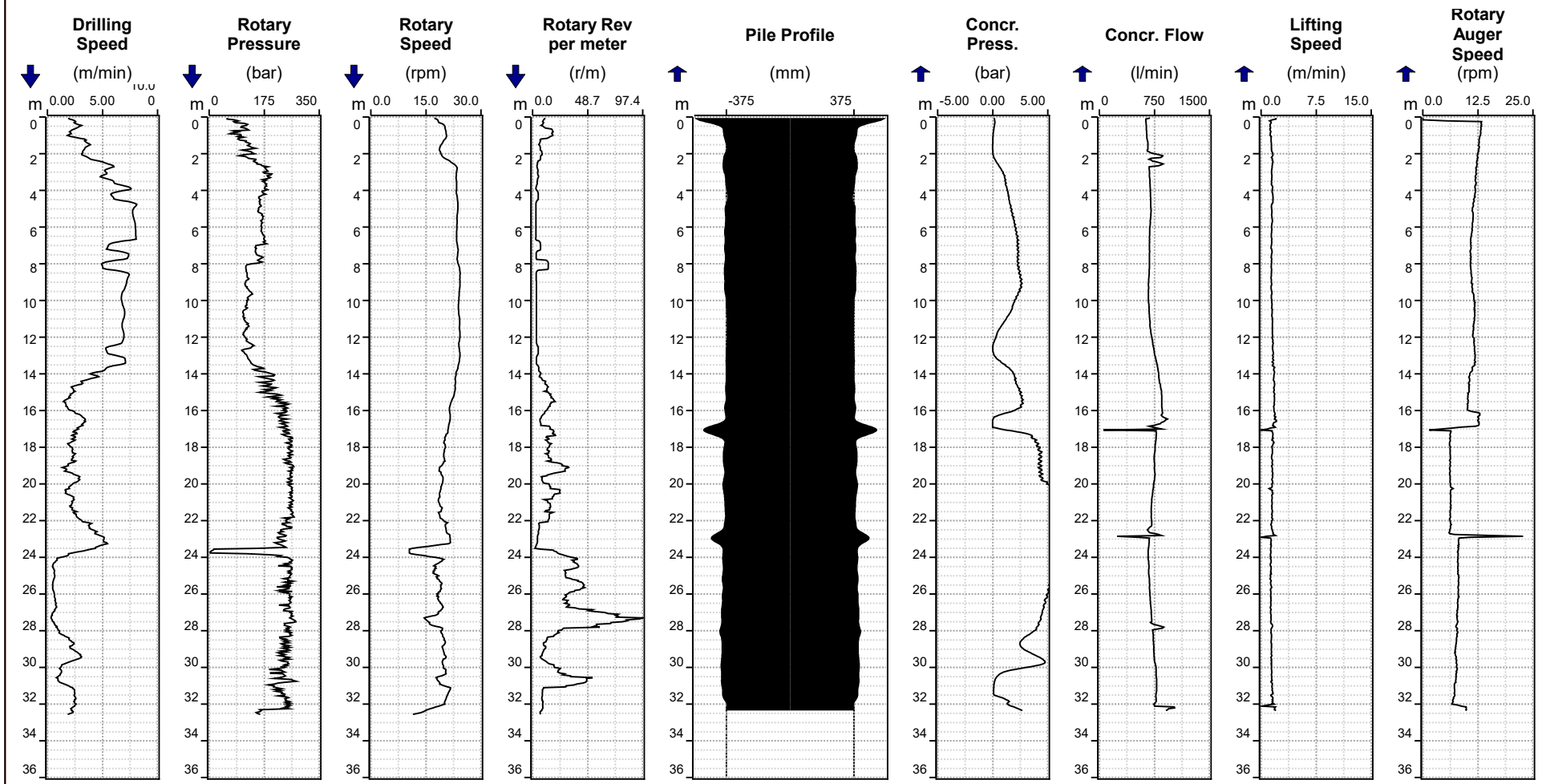
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	10:52 22/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P310**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	23/04/2025	Start:	23/04/2025
Time:	15:50:11	Time:	16:15:08
End:	23/04/2025	End:	23/04/2025
Time:	16:14:34	Time:	16:40:49
Design Depth	32.50 m	Concreting Start Depth:	32.41 m
Depth Reached	32.55 m	Total Concrete Volume:	15.92 m³
		Overbreak	11 %
		Total Pump Strokes:	518

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.08 °
Mast Tilt (Y):	-0.04 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:41
Weather	Cloudy	**Drilling - Finish Time**	13:50
Rig	4928 - Soilmec SR95	**Date Constructed**	15/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P311	2.240	**-22.700**	2.790		P5E	x	C32/40	DC-4	25.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540042.923	180133.628
As-built	540042.944	180133.578
Difference	0.021	-0.050
Vector (m)	0.054	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P311	600	**-22.710**	2.793	P5E	x	C32/40	DC-4	25.610

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	167
Average Revolutions/m Penetration	6.5

Concreting	
As-Built Volume (m^3)	8.14
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	12%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	15/04/2025
Air Temperature during Concreting	11°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079082	SR95-1	C32/40	8	07:37	07:48	07:54	08:07	170	4	P573
32079083	SR75-1	C32/40	8	07:38	07:52	08:30	08:42			P028
32079084	SR95-1	C32/40	8	07:39	07:59	08:32	08:39			P568,P573
32079086	SR75-1	C32/40	8	08:00	08:12	08:44	09:05			P029,P028
32079085	SR95-1	C32/40	8	07:40	08:09	09:08	09:16			P565,P568
32079090	SR75-1	C32/40	8	08:50	09:04	09:19	09:28	180	4	P029
32079089	SR95-1	C32/40	8	08:50	09:01	09:31	09:45			P562,P565
32079093	SR75-1	C32/40	8	09:01	09:18	09:45	09:55			P297,P029
32079092	SR95-1	C32/40	8	08:56	09:16	09:46	10:00			P397,P562
32079094	SR75-1	C32/40	8	09:07	09:22	10:01	10:10			P297
32079103	SR95-1	C32/40	8	10:09	10:20	10:25	10:33			P397,P405
32079104	SR75-1	C32/40	8	10:09	10:25	10:29	10:43			P297,P072
32079106	SR95-1	C32/40	8	10:20	10:33	10:36	10:58			P405
32079105	SR75-1	C32/40	8	10:16	10:29	10:57	11:07			P072,P020
32079107	SR95-1	C32/40	8	10:21	10:36	11:10	11:23	150	4	P408
32079116	SR75-1	C32/40	8	11:18	11:29	11:29	11:39			P020
32079117	SR95-1	C32/40	8	11:18	11:32	11:37	11:55			P361,P408
32079119	SR75-1	C32/40	8	11:27	11:43	11:43	11:57			P020,P056
32079118	SR95-1	C32/40	8	11:21	11:37	11:55	12:09			P361,P311
32079120	SR75-1	C32/40	8	11:32	11:44	12:08	12:38			P056
32079133	SR75-1	C32/40	8	12:35	12:43	12:45	12:54			P066
32079135	SR95-1	C32/40	8	12:42	12:52	13:18	13:32			P311,P245
32079134	SR75-1	C32/40	8	12:36	12:51	13:22	13:34			P066
32079142	SR95-1	C32/40	8	13:40	13:49	13:59	14:08			P245
32079143	SR75-1	C32/40	8	13:42	13:51	14:19	14:32			P060
32079156	SR75-1	C32/40	8	14:33	14:46	14:49	15:03			P060,P377
32079165	SR75-1	C32/40	8	15:20	15:31	15:34	15:42			P377
32079171	SR75-1	C32/40	5	15:56	16:05	16:08	16:16			P377
Totals:			**221 m3**					**$\bar{X}$ = 167**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	213

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	15/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

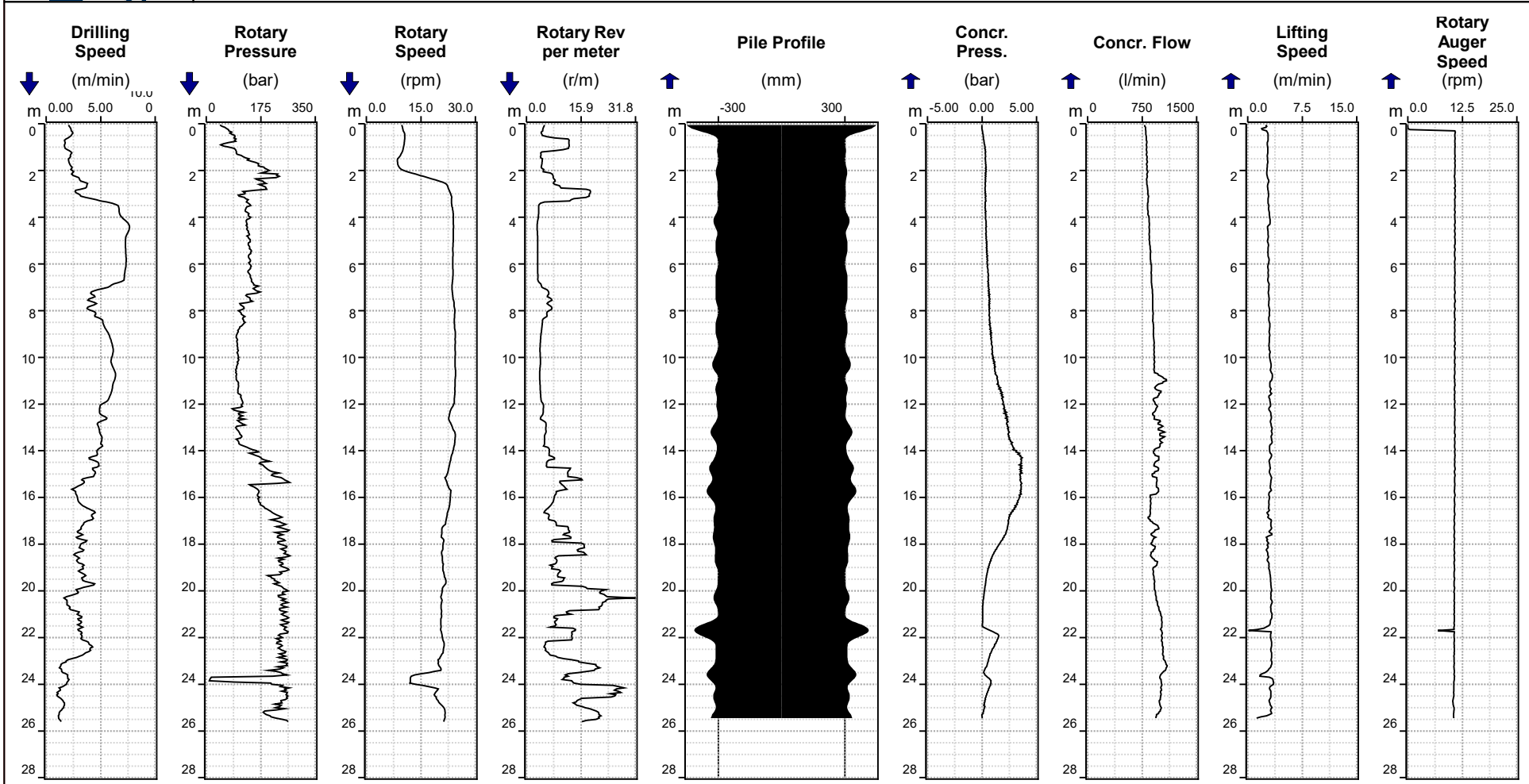
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:32 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P311**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	15/04/2025	Start:	15/04/2025
Time:	13:41:38	Time:	13:51:49
End:	15/04/2025	End:	15/04/2025
Time:	13:50:44	Time:	14:01:09
Design Depth	25.60 m	Concreting Start Depth:	25.45 m
Depth Reached	25.61 m	Total Concrete Volume:	8.14 m³
		Overbreak	12 %
		Total Pump Strokes:	263

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.11 °
Mast Tilt (Y):	-0.14 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	14:52
Weather	Sunny	**Drilling - Finish Time**	15:04
Rig	5422 - Soilmec SR75	**Date Constructed**	04/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P312	2.240	**-22.700**	2.790		P5E	x	C32/40	DC-4	25.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540044.187	180131.767
As-built	540044.184	180131.779
Difference	-0.003	0.012
Vector (m)	0.012	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P312	600	**-22.730**	2.805	P5E	x	C32/40	DC-4	25.630

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	212
Average Revolutions/m Penetration	8.3

Concreting	
As-Built Volume (m^3)	9.06
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	25%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	04/04/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078492	SR75-1	C32/40	8	07:30	07:41	07:52	08:00			P153
32078493	SR95-1	C32/40	8	07:37	07:49	07:57	08:10			P497
32078494	SR75-1	C32/40	8	07:47	07:56	08:12	08:49	170	4	P153,P080
32078496	SR95-1	C32/40	8	07:59	08:13	08:16	08:54			P497,P389
32078499	SR75-1	C32/40	8	08:24	08:39	08:50	08:59			P080,P076
32078501	SR95-1	C32/40	8	08:37	08:46	08:55	09:07			P394,P400,P389
32078502	SR75-1	C32/40	8	08:37	08:52	09:10	09:23			P076
32078506	SR95-1	C32/40	8	09:14	09:23	09:41	09:53			P400,P394
32078508	SR95-1	C32/40	8	09:15	09:33	10:11	10:24	150	4	P403,P400
32078511	SR95-1	C32/40	8	09:50	10:03	10:37	10:51			P403,P407
32078512	SR75-1	C32/40	8	09:54	10:09	10:51	11:08			P237
32078517	SR95-1	C32/40	8	11:06	11:15	11:18	11:32			P407,P570
32078519	SR75-1	C32/40	8	11:15	11:26	11:47	11:57			P237
32078520	SR95-1	C32/40	8	11:19	11:32	12:02	12:03			P570,P503
32078522	SR75-1	C32/40	8	11:37	11:50	12:03	12:17			P237
32078525	SR95-1	C32/40	8	12:05	12:14	12:18	12:28			P503,P488
32078530	SR95-1	C32/40	8	12:38	12:50	12:54	13:17			P488
32078532	SR95-1	C32/40	8	12:52	13:08	13:42	13:56			P488,P486
32078533	SR75-1	C32/40	8	12:58	13:15	14:03	14:16			P360
32078543	SR95-1	C32/40	8	14:17	14:29	14:31	14:40			P486
32078545	SR75-1	C32/40	8	14:27	14:37	14:52	15:00			P360
32078548	SR75-1	C32/40	8	14:43	14:53	15:01	15:09	180	4	P312
32078558	SR75-1	C32/40	2	15:19	15:32	15:34	15:42			P312
Totals:			**178 m3**					**$\bar{X}$ = 167**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	170

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	04/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

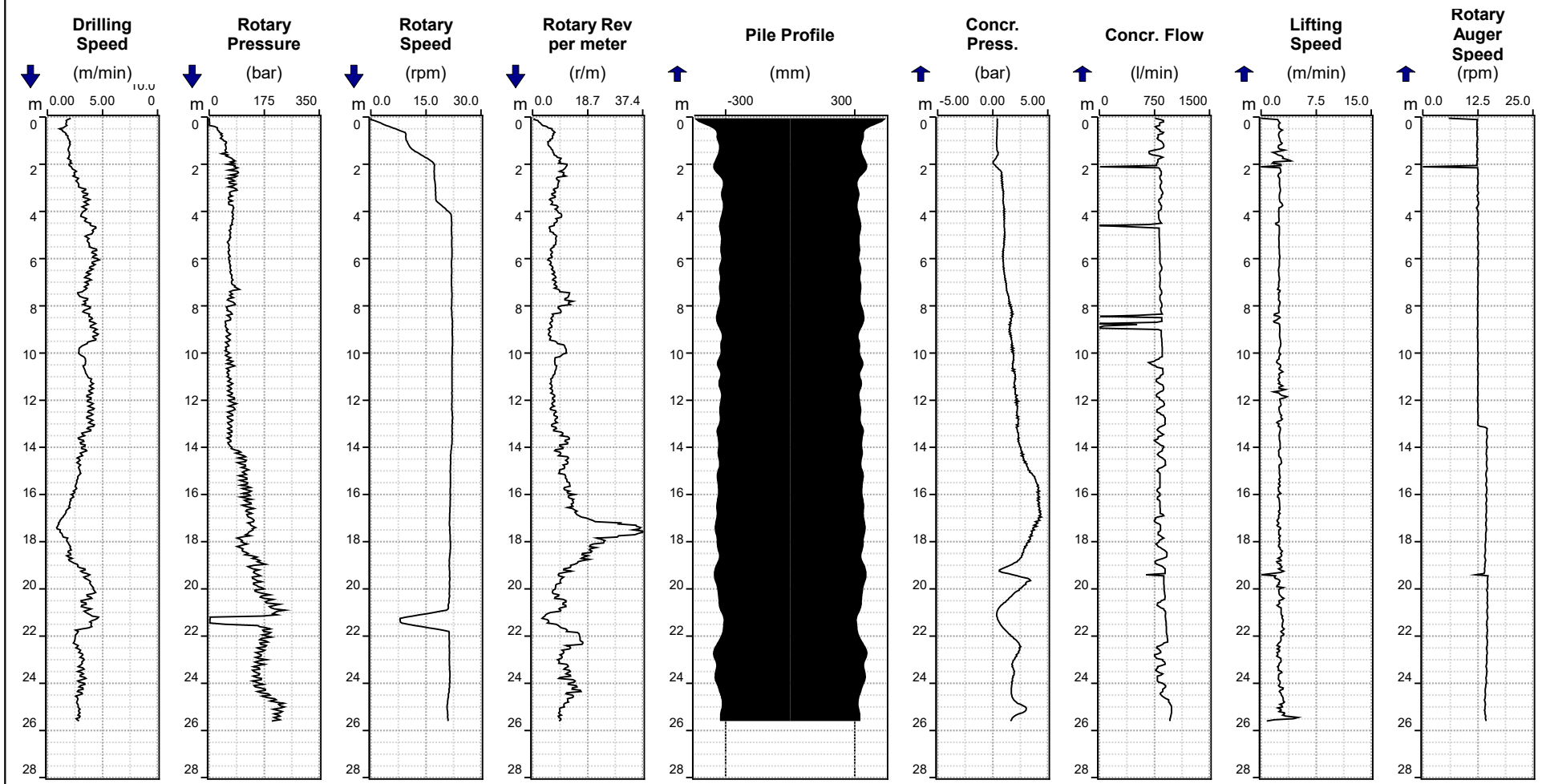
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P312**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	04/04/2025	Start:	04/04/2025
Time:	14:52:10	Time:	15:05:41
End:	04/04/2025	End:	04/04/2025
Time:	15:04:18	Time:	15:36:31
Design Depth	25.60 m	Concreting Start Depth:	25.63 m
Depth Reached	25.63 m	Total Concrete Volume:	9.06 m³
		Overbreak	25 %
		Total Pump Strokes:	294

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.60 °
Mast Tilt (Y):	-0.22 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	16:03
Weather	Cloudy	**Drilling - Finish Time**	16:13
Rig	5422 - Soilmec SR75	**Date Constructed**	25/03/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P317	2.240	**-25.700**	2.790	P5E	x	C32/40	DC-4	28.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540052.360	180119.729
As-built	540052.395	180119.735
Difference	0.035	0.006
Vector (m)	0.036	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P317	600	**-25.790**	2.850	P5E	x	C32/40	DC-4	28.690

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	178
Average Revolutions/m Penetration	6.2

Concreting	
As-Built Volume (m^3)	8.93
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	10%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	25/03/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077673	SR75-1	C32/40	8	07:37	07:46	07:52	08:04	160	4	P579
32077675	SR75-1	C32/40	8	07:39	07:56	08:02	08:42			P579,P582
32077676	SR75-1	C32/40	8	07:47	08:01	08:44	08:59			P582,P585
32077678	SR75-1	C32/40	8	07:58	08:10	09:15	09:29			P588,P585
32077689	SR75-1	C32/40	8	09:32	09:42	10:07	10:18			P588
32077691	SR75-1	C32/40	8	09:41	09:52	10:25	10:41	170	4	P251,P588
32077699	SR95-1	C32/40	8	10:37	10:46	10:52	11:29			P121,P126
32077698	SR95-1	C32/40	8	10:36	10:49	11:30	11:44	180	4	P121
32077705	SR95-1	C32/40	8	11:13	11:24	11:46	12:00			P126
32077708	SR95-1	C32/40	8	11:32	11:43	12:25	12:36			P126
32077713	SR95-1	C32/40	8	12:05	12:15	12:43	12:57			P639
32077714	SR95-1	C32/40	8	12:11	12:20	13:07	13:18			P639,P694
32077722	SR95-1	C32/40	8	13:25	13:36	13:41	13:55	190	4	P694
32077724	SR95-1	C32/40	8	13:29	13:46	13:57	14:35			P122
32077728	SR95-1	C32/40	8	13:58	14:08	14:16	14:29			P122
32077729	SR75-1	C32/40	8	14:05	14:14	14:32	14:59			P124,P122
32077731	SR75-1	C32/40	8	14:18	14:26	14:41	14:57			P254,P251
32077733	SR75-1	C32/40	8	14:30	14:40	14:51	15:41			P257,P254
32077736	SR95-1	C32/40	8	14:38	14:57	15:07	15:18			P124
32077739	SR95-1	C32/40	8	14:57	15:13	15:22	15:33			P124,P134
32077742	SR95-1	C32/40	8	15:15	15:28	15:42	15:57			P134
32077740	SR75-1	C32/40	8	15:05	15:17	15:52	16:01			P317,P257
32077750	SR75-1	C32/40	8	16:04	16:15	16:20	16:31			P317
32077744	SR95-1	C32/40	8	15:23	15:32	16:21	16:54			P134
32077751	SR75-1	C32/40	8	16:07	16:22	16:54	17:10			P317
Totals:			**200 m3**					**$\bar{X}$ = 175**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	200

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	25/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

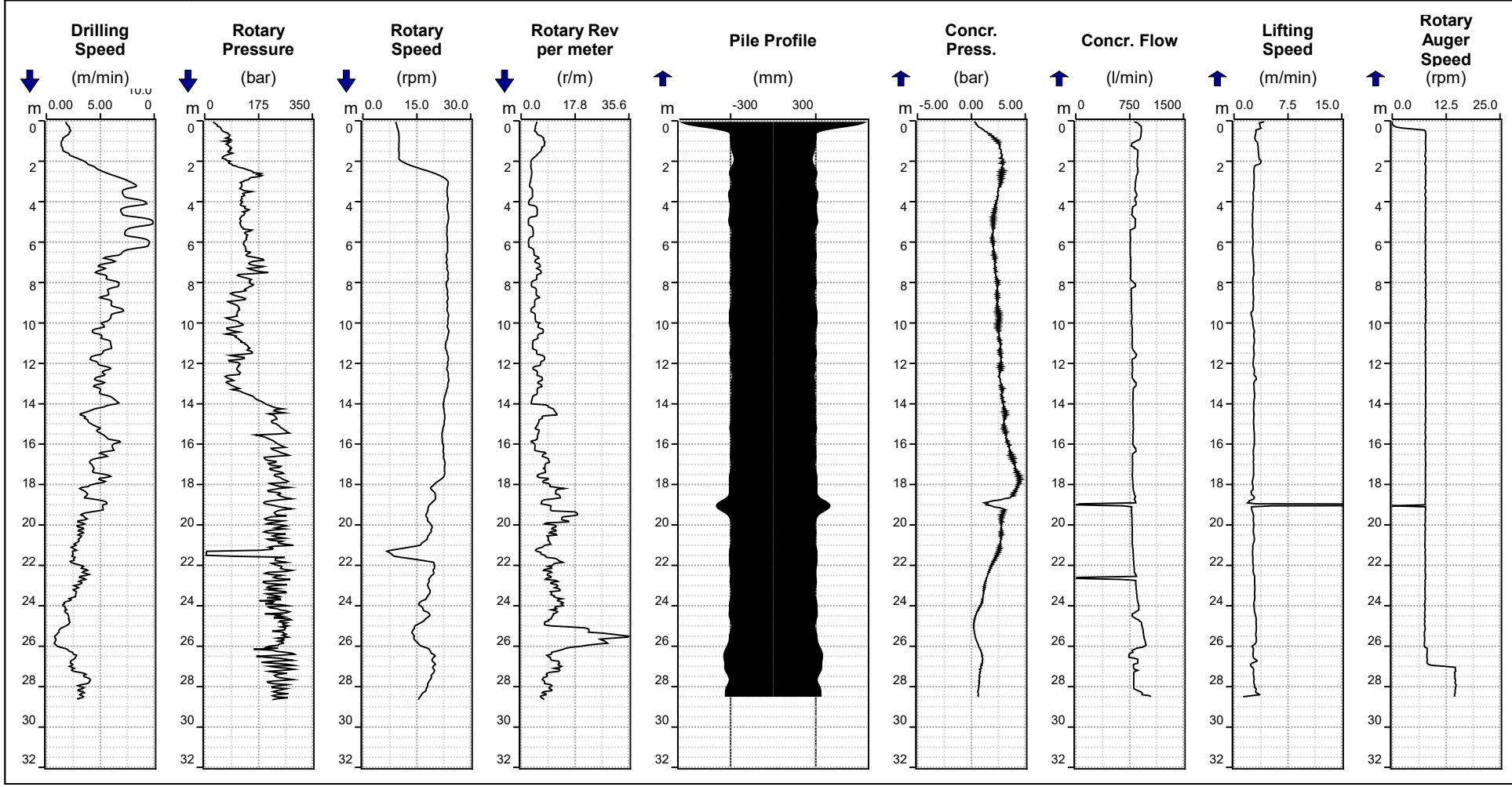
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P317**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	25/03/2025	Start:	25/03/2025
Time:	16:03:12	Time:	16:15:17
End:	25/03/2025	End:	25/03/2025
Time:	16:13:50	Time:	16:26:43
Design Depth	28.60 m	Concreting Start Depth:	28.54 m
Depth Reached	28.69 m	Total Concrete Volume:	8.93 m³
		Overbreak	10 %
		Total Pump Strokes:	290

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.03 °
Mast Tilt (Y):	-0.03 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	11:01
Weather	Sunny	**Drilling - Finish Time**	11:13
Rig	5422 - Soilmec SR75	**Date Constructed**	24/03/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P318	2.240	**-25.700**	2.790		P5E	x	C32/40	DC-4	28.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540053.624	180117.868
As-built	540053.576	180117.894
Difference	-0.048	0.026
Vector (m)	0.055	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P318	600	**-25.810**	2.853	P5E	x	C32/40	DC-4	28.710

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	210
Average Revolutions/m Penetration	7.3

Concreting	
As-Built Volume (m^3)	10.29
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	27%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/03/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077596	SR75-1	C32/40	8	07:58	08:07	08:14	08:44			P259
32077597	SR75-1	C32/40	8	08:01	08:16	08:21	08:30			P259,P045
32077599	SR95-1	C32/40	8	08:08	08:24	08:47	09:07			P652
32077600	SR95-1	C32/40	8	08:16	08:32	09:04	09:15			P651,P652
32077605	SR95-1	C32/40	8	08:45	09:08	09:09	09:21			P651
32077606	SR75-1	C32/40	8	08:53	09:09	09:19	09:28	160	4	P046,P045
32077609	SR95-1	C32/40	8	09:11	09:19	09:27	10:16			P650
32077610	SR95-1	C32/40	8	09:19	09:33	09:37	09:54			P650
32077612	SR75-1	C32/40	8	09:37	09:45	10:29	10:43	160	4	P046,P318
32077614	SR75-1	C32/40	8	09:40	09:55	10:31	10:59			P318,P319
32077619	SR95-1	C32/40	8	10:12	10:27	10:50	10:58			P650,P542
32077626	SR95-1	C32/40	8	11:04	11:18	11:30	11:42			P631,P542
32077621	SR95-1	C32/40	8	10:19	10:35	11:32	11:43			P542
32077627	SR75-1	C32/40	8	11:10	11:24	11:46	12:02			P319
32077628	SR95-1	C32/40	8	11:20	11:30	11:49	12:09			P631
32077631	SR95-1	C32/40	8	11:38	11:50	12:26	12:39			P538,P631
32077637	SR75-1	C32/40	8	12:43	12:53	12:58	13:54			P321
32077638	SR75-1	C32/40	8	12:50	12:59	13:07	13:59			P321,P372
32077640	SR75-1	C32/40	8	13:02	13:18	13:21	13:40	190	4	P256,P372
32077645	SR95-1	C32/40	8	13:32	13:48	13:49	14:10			P638
32077647	SR95-1	C32/40	8	13:41	13:57	14:11	15:15			P638
32077646	SR95-1	C32/40	8	13:33	13:51	14:14	15:05			P638
32077658	SR95-1	C32/40	8	14:51	15:04	15:15	15:31			P428
32077655	SR95-1	C32/40	8	14:40	14:51	15:24	15:32			P428
32077660	SR75-1	C32/40	8	14:59	15:14	15:36	15:49			P256,P592
32077666	SR95-1	C32/40	8	15:36	15:45	15:56	16:20	170	4	P133
32077667	SR95-1	C32/40	8	15:43	15:52	16:30	16:43			P133,P695
32077671	SR75-1	C32/40	8	16:34	16:46	16:54	17:05			P589,P587
32077672	SR75-1	C32/40	3	16:42	16:49	16:59	17:21			P589
Totals:			**227 m3**					**$\bar{X}$ = 170**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	227

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

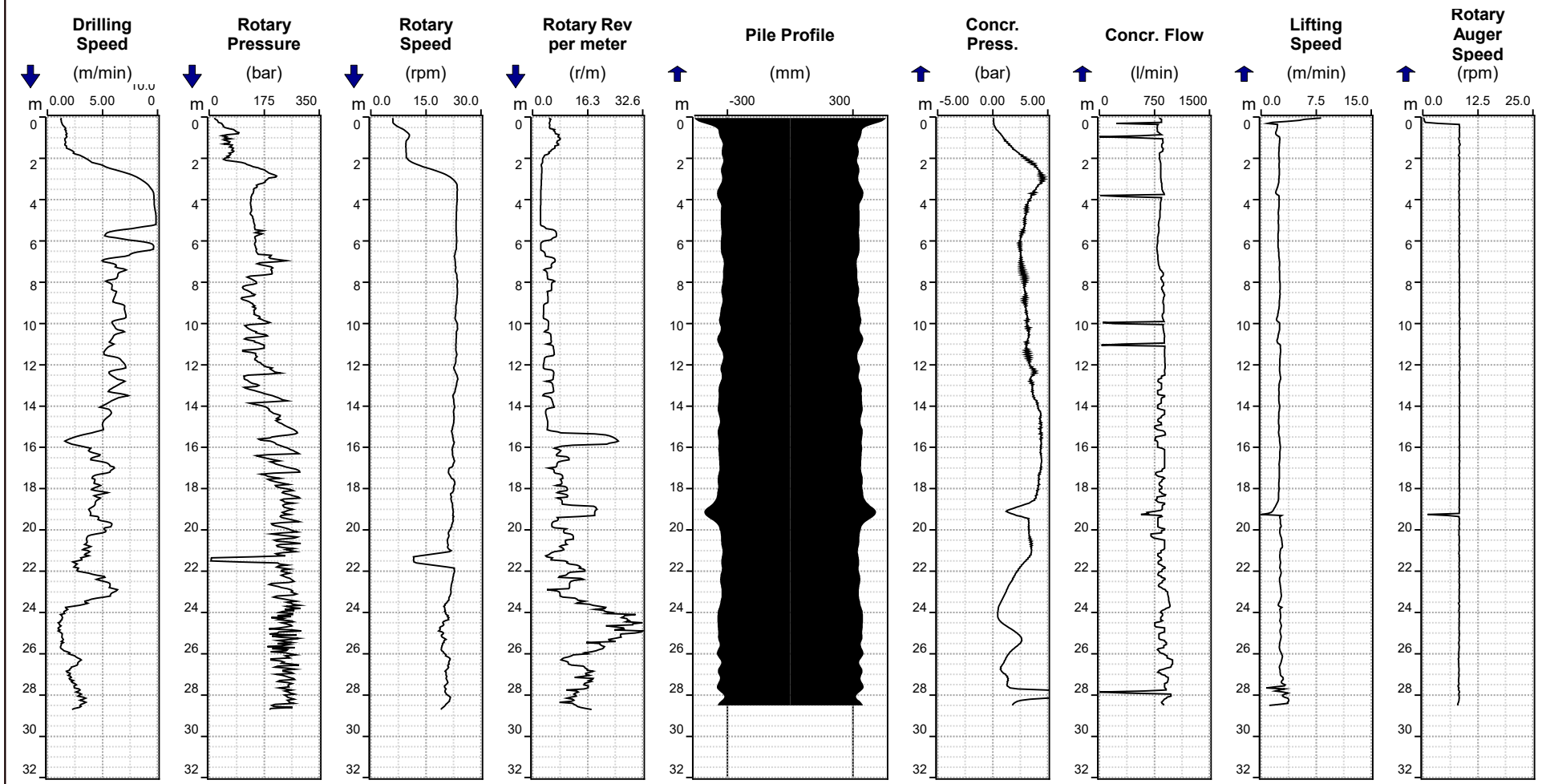
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P318**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	24/03/2025	Start:	24/03/2025
Time:	11:01:37	Time:	11:17:59
End:	24/03/2025	End:	24/03/2025
Time:	11:13:19	Time:	11:30:28
Design Depth	28.60 m	Concreting Start Depth:	28.54 m
Depth Reached	28.71 m	Total Concrete Volume:	10.29 m³
		Overbreak	27 %
		Total Pump Strokes:	325

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.07 °
Mast Tilt (Y):	-0.20 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	11:35
Weather	Sunny	**Drilling - Finish Time**	11:43
Rig	5422 - Soilmec SR75	**Date Constructed**	24/03/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P319	2.240	**-21.900**	2.790		P5E	x	C32/40	DC-4	24.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540055.506	180115.097
As-built	540055.462	180115.147
Difference	-0.044	0.050
Vector (m)	0.067	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P319	600	**-21.970**	2.819	P5E	x	C32/40	DC-4	24.870

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	141
Average Revolutions/m Penetration	5.7

Concreting	
As-Built Volume (m^3)	8.99
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	28%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/03/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077596	SR75-1	C32/40	8	07:58	08:07	08:14	08:44			P259
32077597	SR75-1	C32/40	8	08:01	08:16	08:21	08:30			P259,P045
32077599	SR95-1	C32/40	8	08:08	08:24	08:47	09:07			P652
32077600	SR95-1	C32/40	8	08:16	08:32	09:04	09:15			P651,P652
32077605	SR95-1	C32/40	8	08:45	09:08	09:09	09:21			P651
32077606	SR75-1	C32/40	8	08:53	09:09	09:19	09:28	160	4	P046,P045
32077609	SR95-1	C32/40	8	09:11	09:19	09:27	10:16			P650
32077610	SR95-1	C32/40	8	09:19	09:33	09:37	09:54			P650
32077612	SR75-1	C32/40	8	09:37	09:45	10:29	10:43	160	4	P046,P318
32077614	SR75-1	C32/40	8	09:40	09:55	10:31	10:59			P318,P319
32077619	SR95-1	C32/40	8	10:12	10:27	10:50	10:58			P650,P542
32077626	SR95-1	C32/40	8	11:04	11:18	11:30	11:42			P631,P542
32077621	SR95-1	C32/40	8	10:19	10:35	11:32	11:43			P542
32077627	SR75-1	C32/40	8	11:10	11:24	11:46	12:02			P319
32077628	SR95-1	C32/40	8	11:20	11:30	11:49	12:09			P631
32077631	SR95-1	C32/40	8	11:38	11:50	12:26	12:39			P538,P631
32077637	SR75-1	C32/40	8	12:43	12:53	12:58	13:54			P321
32077638	SR75-1	C32/40	8	12:50	12:59	13:07	13:59			P321,P372
32077640	SR75-1	C32/40	8	13:02	13:18	13:21	13:40	190	4	P256,P372
32077645	SR95-1	C32/40	8	13:32	13:48	13:49	14:10			P638
32077647	SR95-1	C32/40	8	13:41	13:57	14:11	15:15			P638
32077646	SR95-1	C32/40	8	13:33	13:51	14:14	15:05			P638
32077658	SR95-1	C32/40	8	14:51	15:04	15:15	15:31			P428
32077655	SR95-1	C32/40	8	14:40	14:51	15:24	15:32			P428
32077660	SR75-1	C32/40	8	14:59	15:14	15:36	15:49			P256,P592
32077666	SR95-1	C32/40	8	15:36	15:45	15:56	16:20	170	4	P133
32077667	SR95-1	C32/40	8	15:43	15:52	16:30	16:43			P133,P695
32077671	SR75-1	C32/40	8	16:34	16:46	16:54	17:05			P589,P587
32077672	SR75-1	C32/40	3	16:42	16:49	16:59	17:21			P589
Totals:			**227 m3**					**$\bar{X}$ = 170**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	227

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

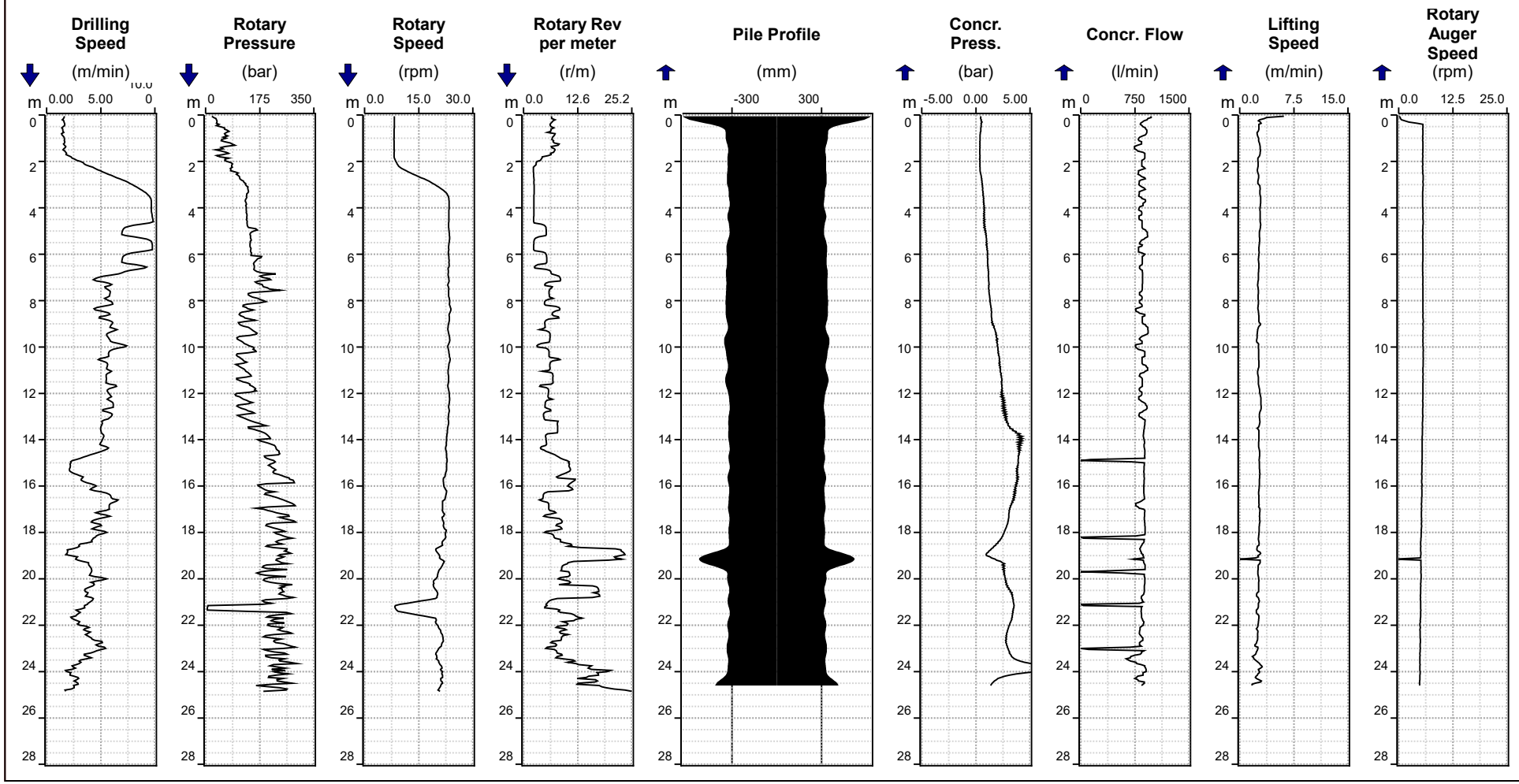
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P319**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	24/03/2025	Start:	24/03/2025
Time:	11:35:15	Time:	11:52:38
End:	24/03/2025	End:	24/03/2025
Time:	11:43:36	Time:	12:03:01
Design Depth	24.80 m	Concreting Start Depth:	24.65 m
Depth Reached	24.87 m	Total Concrete Volume:	8.99 m³
		Overbreak	28 %
		Total Pump Strokes:	284

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.03 °
Mast Tilt (Y):	-0.10 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:58
Weather	Cloudy	**Drilling - Finish Time**	13:06
Rig	5422 - Soilmec SR75	**Date Constructed**	21/03/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P320	2.240	**-21.900**	2.790		P5E	x	C32/40	DC-4	24.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540056.770	180113.235
As-built	540056.759	180113.205
Difference	-0.011	-0.030
Vector (m)	0.032	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P320	600	**-21.940**	2.795	P5E	x	C32/40	DC-4	24.840

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	135
Average Revolutions/m Penetration	5.4

Concreting	
As-Built Volume (m^3)	8.19
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	17%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

Keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	21/03/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077510	SR95-1	C32/40	8	07:33	07:46	07:49	08:11			P635
32077508	SR75-1	C32/40	8	07:29	07:38	07:50	08:01	160	4	P630
32077511	SR75-1	C32/40	8	07:48	08:00	08:02	08:32			P591,P630
32077512	SR95-1	C32/40	8	07:58	08:07	08:25	08:39			P635,P125
32077514	SR95-1	C32/40	8	08:12	08:22	08:40	08:49			P125
32077517	SR75-1	C32/40	8	08:34	08:40	08:42	08:52			P591,P594
32077516	SR75-1	C32/40	8	08:24	08:44	09:13	09:14			P594
32077519	SR95-1	C32/40	8	08:43	09:51	09:15	09:29	190	4	P120
32077527	SR95-1	C32/40	8	09:08	09:23	09:33	09:43			P120
32077524	SR75-1	C32/40	8	09:02	09:18	09:37	09:50			P634
32077533	SR95-1	C32/40	8	09:41	09:54	10:02	10:35			P202
32077530	SR75-1	C32/40	8	09:26	09:36	10:12	10:29			P595
32077537	SR95-1	C32/40	8	09:56	10:09	10:37	10:51			P202
32077539	SR75-1	C32/40	8	09:58	10:18	10:43	10:51	180	4	P599
32077540	SR75-1	C32/40	8	10:06	10:22	10:54	11:30			P599
32077547	SR95-1	C32/40	8	10:55	11:06	11:12	11:30			P633
32077551	SR75-1	C32/40	8	11:16	11:16	11:29	11:52			P320
32077548	SR95-1	C32/40	8	10:59	11:10	11:35	11:44			P633
32077562	SR95-1	C32/40	8	12:17	12:33	12:36	12:45	180	4	P131
32077563	SR95-1	C32/40	5.5	12:21	12:38	12:46	13:05			P131
32077566	SR75-1	C32/40	8	12:56	13:04	13:08	13:23			P369
32077567	SR75-1	C32/40	8	12:58	13:10	13:35	13:47			P371
32077572	SR95-1	C32/40	8	13:57	14:06	14:09	14:39			P524
32077573	SR95-1	C32/40	8	13:58	14:12	14:41	14:51			P524
32077578	SR95-1	C32/40	8	14:54	15:03	15:06	15:31			P541
32077579	SR75-1	C32/40	8	15:00	15:08	15:13	15:27			P258
32077581	SR95-1	C32/40	8	15:03	15:16	15:31	15:40			P541
32077584	SR95-1	C32/40	8	15:48	15:57	15:58	16:14			P696
32077585	SR95-1	C32/40	8	15:49	15:59	16:15	16:26			P696
Totals:			**229.5 m3**					**$\bar{X}$ = 178**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	229.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	21/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

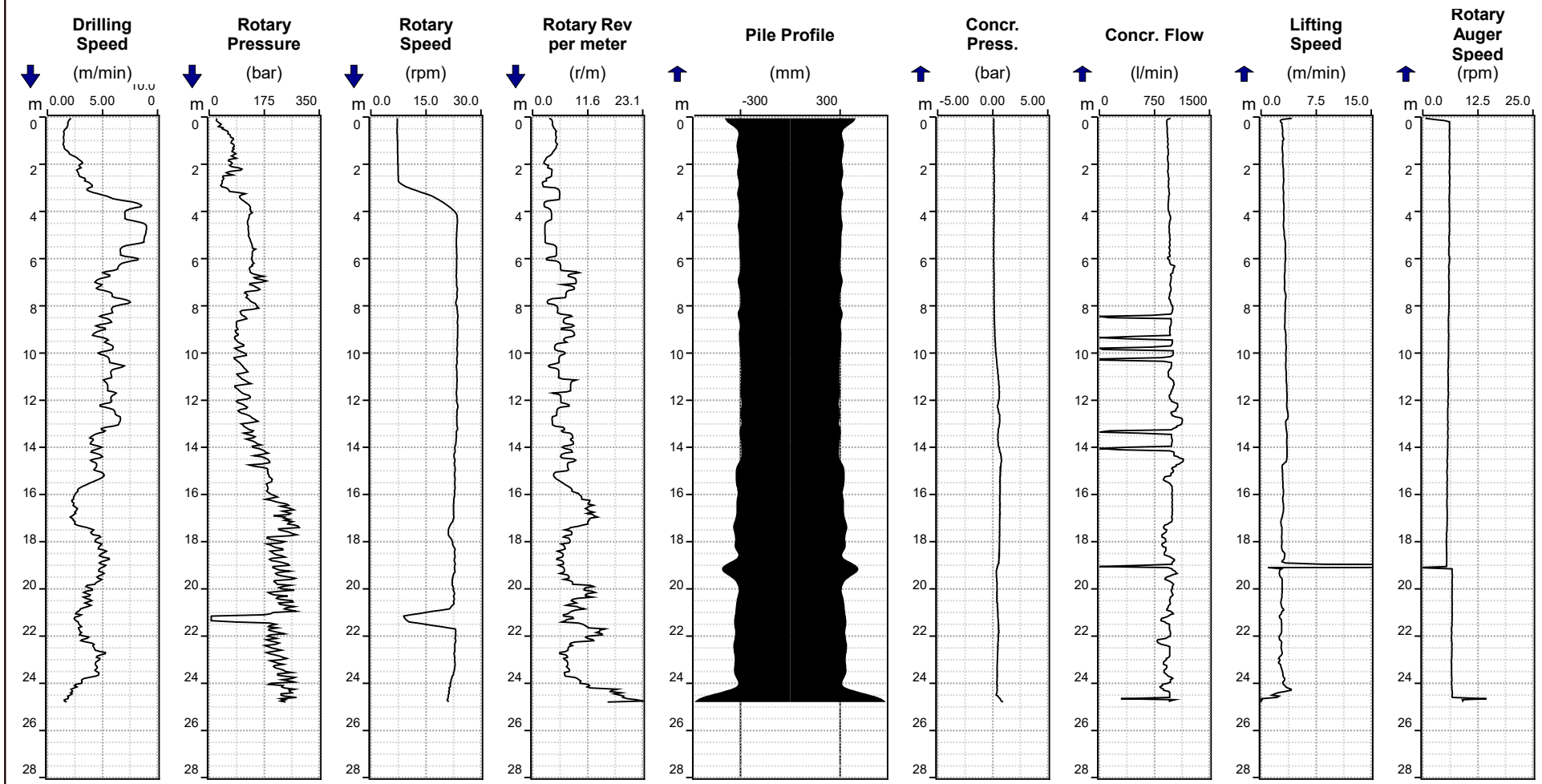
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:39 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P320**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	21/03/2025	Start:	21/03/2025
Time:	12:58:56	Time:	13:07:36
End:	21/03/2025	End:	21/03/2025
Time:	13:06:37	Time:	13:17:29
Design Depth	24.80 m	Concreting Start Depth:	24.84 m
Depth Reached	24.84 m	Total Concrete Volume:	8.19 m³
		Overbreak	17 %
		Total Pump Strokes:	248

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.17 °
Mast Tilt (Y):	-0.25 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:07
Weather	Sunny	**Drilling - Finish Time**	13:19
Rig	5422 - Soilmec SR75	**Date Constructed**	24/03/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P321	2.240	**-25.800**	2.790	P5E	x	C32/40	DC-4	28.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540058.652	180110.464
As-built	540058.622	180110.487
Difference	-0.030	0.023
Vector (m)	0.038	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P321	600	**-25.940**	2.919	P5E	x	C32/40	DC-4	28.840

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	200
Average Revolutions/m Penetration	6.9

Concreting	
As-Built Volume (m^3)	10.1
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	24%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/03/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077596	SR75-1	C32/40	8	07:58	08:07	08:14	08:44			P259
32077597	SR75-1	C32/40	8	08:01	08:16	08:21	08:30			P259,P045
32077599	SR95-1	C32/40	8	08:08	08:24	08:47	09:07			P652
32077600	SR95-1	C32/40	8	08:16	08:32	09:04	09:15			P651,P652
32077605	SR95-1	C32/40	8	08:45	09:08	09:09	09:21			P651
32077606	SR75-1	C32/40	8	08:53	09:09	09:19	09:28	160	4	P046,P045
32077609	SR95-1	C32/40	8	09:11	09:19	09:27	10:16			P650
32077610	SR95-1	C32/40	8	09:19	09:33	09:37	09:54			P650
32077612	SR75-1	C32/40	8	09:37	09:45	10:29	10:43	160	4	P046,P318
32077614	SR75-1	C32/40	8	09:40	09:55	10:31	10:59			P318,P319
32077619	SR95-1	C32/40	8	10:12	10:27	10:50	10:58			P650,P542
32077626	SR95-1	C32/40	8	11:04	11:18	11:30	11:42			P631,P542
32077621	SR95-1	C32/40	8	10:19	10:35	11:32	11:43			P542
32077627	SR75-1	C32/40	8	11:10	11:24	11:46	12:02			P319
32077628	SR95-1	C32/40	8	11:20	11:30	11:49	12:09			P631
32077631	SR95-1	C32/40	8	11:38	11:50	12:26	12:39			P538,P631
32077637	SR75-1	C32/40	8	12:43	12:53	12:58	13:54			P321
32077638	SR75-1	C32/40	8	12:50	12:59	13:07	13:59			P321,P372
32077640	SR75-1	C32/40	8	13:02	13:18	13:21	13:40	190	4	P256,P372
32077645	SR95-1	C32/40	8	13:32	13:48	13:49	14:10			P638
32077647	SR95-1	C32/40	8	13:41	13:57	14:11	15:15			P638
32077646	SR95-1	C32/40	8	13:33	13:51	14:14	15:05			P638
32077658	SR95-1	C32/40	8	14:51	15:04	15:15	15:31			P428
32077655	SR95-1	C32/40	8	14:40	14:51	15:24	15:32			P428
32077660	SR75-1	C32/40	8	14:59	15:14	15:36	15:49			P256,P592
32077666	SR95-1	C32/40	8	15:36	15:45	15:56	16:20	170	4	P133
32077667	SR95-1	C32/40	8	15:43	15:52	16:30	16:43			P133,P695
32077671	SR75-1	C32/40	8	16:34	16:46	16:54	17:05			P589,P587
32077672	SR75-1	C32/40	3	16:42	16:49	16:59	17:21			P589
Totals:			**227 m3**					**$\bar{X}$ = 170**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	227

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

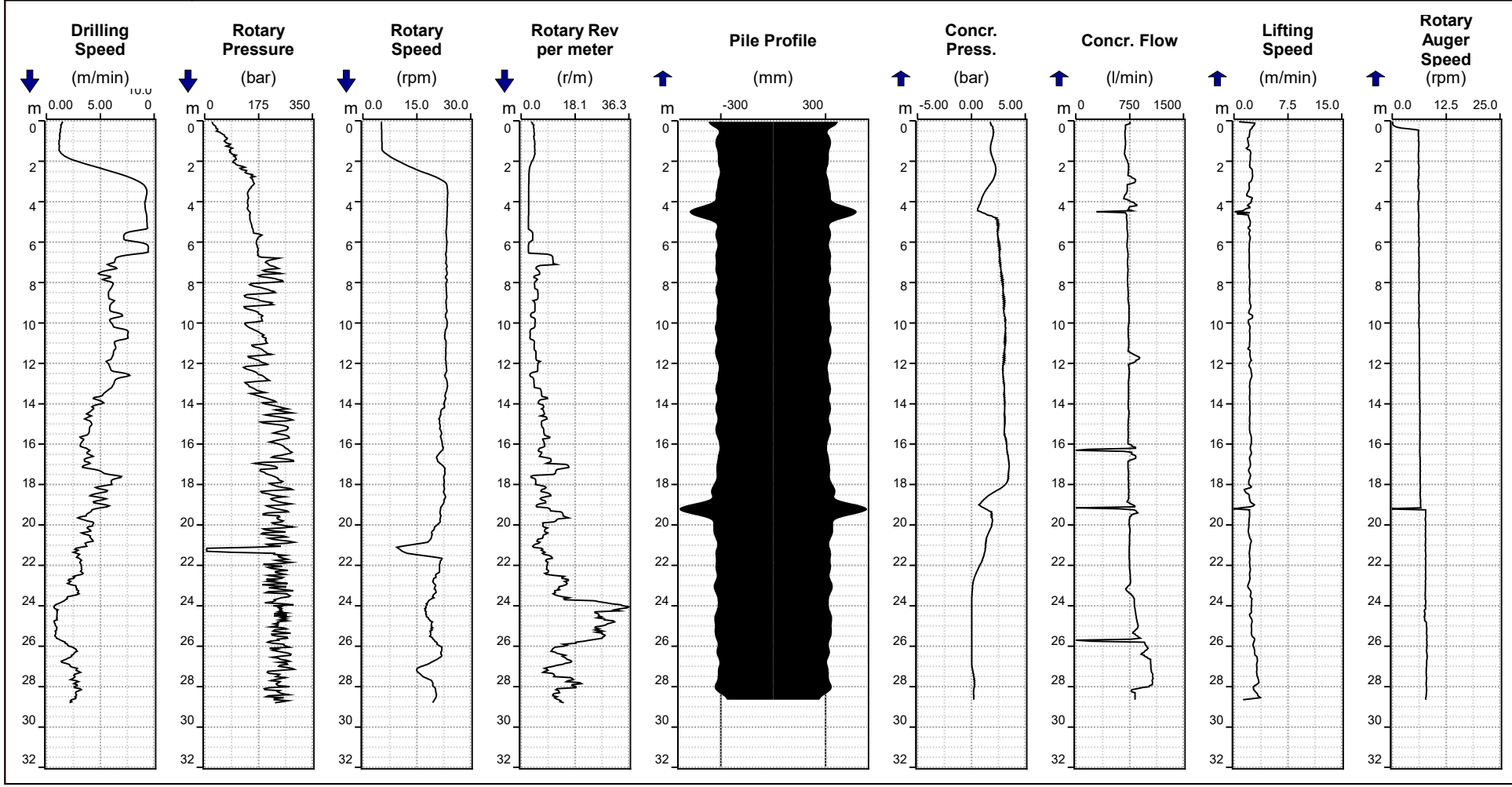
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P321**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	24/03/2025	Start:	24/03/2025
Time:	13:07:46	Time:	13:20:46
End:	24/03/2025	End:	24/03/2025
Time:	13:19:44	Time:	13:36:00
Design Depth	28.70 m	Concreting Start Depth:	28.66 m
Depth Reached	28.84 m	Total Concrete Volume:	10.10 m³
		Overbreak	24 %
		Total Pump Strokes:	319

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.03 °
Mast Tilt (Y):	-0.18 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	14:18
Weather	Sunny	**Drilling - Finish Time**	14:29
Rig	5422 - Soilmec SR75	**Date Constructed**	20/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P322	2.240	**-25.800**	2.790		P5E	x	C32/40	DC-4	28.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540059.916	180108.602
As-built	540059.892	180108.572
Difference	-0.024	-0.030
Vector (m)	0.038	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P322	600	**-25.920**	2.862	P5E	x	C32/40	DC-4	28.820

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	183
Average Revolutions/m Penetration	6.3

Concreting	
As-Built Volume (m^3)	9.67
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	19%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	20/03/2025
Air Temperature during Concreting	16°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077440	SR75-1	C32/40	8	07:44	07:44	08:01	08:14	180	4	P632
32077439	SR75-1	C32/40	8	07:30	07:48	08:18	08:51			P597
32077451	SR75-1	C32/40	8	08:48	09:13	09:29	09:29			P593
32077452	SR75-1	C32/40	8	09:07	09:19	09:30	09:58			P596
32077455	SR75-1	C32/40	8	09:32	09:41	10:10	10:26			P598
32077456	SR75-1	C32/40	8	09:35	09:46	10:40	10:58			P590
32077461	SR75-1	C32/40	8	10:44	10:56	10:58	11:12			P590
32077462	SR95-1	C32/40	8	10:51	11:01	11:06	11:15			P132
32077466	SR95-1	C32/40	8	11:14	11:35	11:38	12:09			P132
32077468	SR95-1	C32/40	8	11:38	11:47	12:13	12:23	190	4	P203
32077472	SR95-1	C32/40	8	12:44	12:51	12:59	13:09			P203
32077473	SR75-1	C32/40	8	12:44	12:54	13:05	13:15			P376
32077474	SR75-1	C32/40	8	12:50	13:10	13:15	13:29			P368
32077476	SR75-1	C32/40	8	13:02	13:14	13:38	13:50			P370
32077478	SR75-1	C32/40	8	13:14	13:24	14:04	14:16			P322
32077479	SR95-1	C32/40	8	13:15	13:32	14:07	14:28			P047
32077488	SR95-1	C32/40	8	14:11	14:22	14:30	14:45			P047
32077490	SR75-1	C32/40	8	14:20	14:32	14:43	14:53	170	4	P264
32077491	SR95-1	C32/40	8	14:33	14:42	14:46	14:57	170	4	P123
32077494	SR95-1	C32/40	8	14:55	15:04	15:06	16:17			P693
32077495	SR95-1	C32/40	8	14:56	15:07	15:23	16:10			P123
32077496	SR95-1	C32/40	8	15:07	15:16	16:40	16:53			
Totals:			**176 m3**					**$\bar{X}$ = 178**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	176

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	20/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

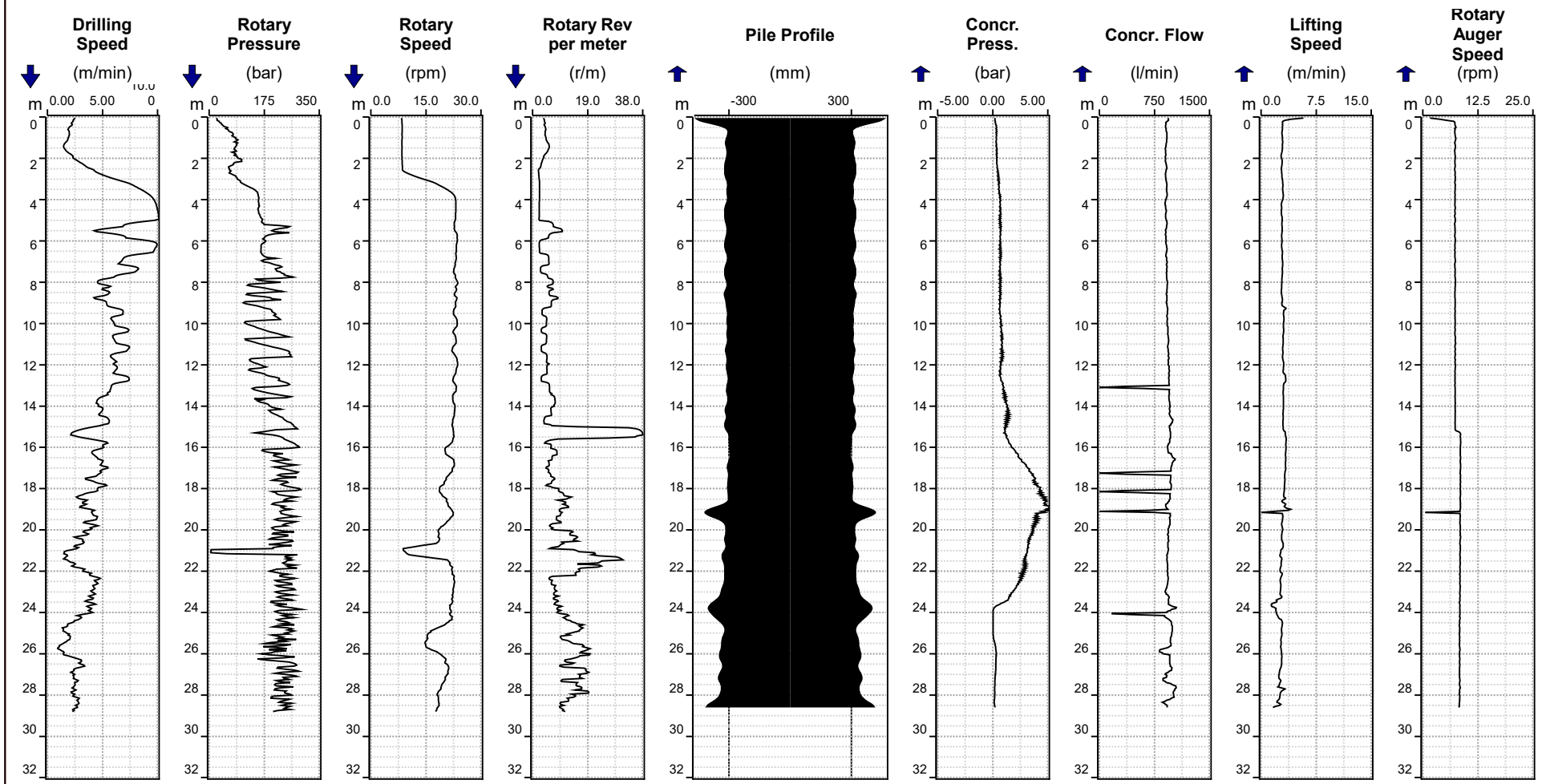
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:39 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P322**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	20/03/2025	Start:	20/03/2025
Time:	14:18:31	Time:	14:30:38
End:	20/03/2025	End:	20/03/2025
Time:	14:29:03	Time:	14:41:39
Design Depth	28.70 m	Concreting Start Depth:	28.64 m
Depth Reached	28.82 m	Total Concrete Volume:	9.67 m³
		Overbreak	19 %
		Total Pump Strokes:	293

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.06 °
Mast Tilt (Y):	0.13 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	08:42
Weather	Sunny	**Drilling - Finish Time**	08:57
Rig	5422 - Soilmec SR75	**Date Constructed**	19/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P323	2.240	**-24.000**	2.790	P5E	x	C32/40	DC-4	26.900

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540062.135	180105.334
As-built	540062.156	180105.309
Difference	0.021	-0.025
Vector (m)	0.033	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P323	600	**-24.060**	2.799	P5E	x	C32/40	DC-4	26.960

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	246
Average Revolutions/m Penetration	9.1

Concreting	
As-Built Volume (m^3)	8.65
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	13%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	19/03/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077361	SR75-1	C32/40	8	07:33	07:46	07:57	08:08	180	5	P373
32077362	SR75-1	C32/40	8	07:44	07:54	08:10	08:23			P323
32077365	SR95-1	C32/40	8	07:59	08:10	08:24	09:04			P200
32077363	SR95-1	C32/40	8	07:47	07:59	08:31	08:46			P200
32077368	SR95-1	C32/40	8	08:45	08:56	09:04	09:19			P266
32077369	SR75-1	C32/40	8	08:52	09:03	09:07	09:26			P327
32077372	SR95-1	C32/40	8	09:11	09:21	09:26	10:02	170	5	P537
32077371	SR95-1	C32/40	8	09:02	09:12	09:35	09:49			P263
32077377	SR75-1	C32/40	8	09:44	10:02	10:02	10:19			P641
32077379	SR95-1	C32/40	8	09:57	10:10	10:11	10:23			P537
32077383	SR75-1	C32/40	8	10:23	10:34	10:37	10:50			P139
32077381	SR75-1	C32/40	8	10:13	10:24	10:48	10:58			P139
32077388	SR95-1	C32/40	8	10:55	11:10	11:13	11:26			P534
32077391	SR95-1	C32/40	8	11:14	11:28	11:30	11:41			P534
32077393	SR75-1	C32/40	8	11:28	11:40	11:53	12:10			P143
32077396	SR95-1	C32/40	8	11:43	11:58	12:11	12:25			P523
32077402	SR95-1	C32/40	8	12:20	12:32	12:36	12:44			P429
32077400	SR95-1	C32/40	8	12:09	12:23	12:57	13:13			P523
32077403	SR95-1	C32/40	8	12:31	12:40	13:12	13:27			P429
32077407	SR75-1	C32/40	8	12:56	13:06	14:04	14:21			P670
32077412	SR75-1	C32/40	8	13:44	14:25	14:25	14:34			P142
32077413	SR95-1	C32/40	8	13:41	13:52	14:36	14:49			P533
32077420	SR95-1	C32/40	8	14:28	14:48	14:51	15:03			P533
32077422	SR75-1	C32/40	8	14:45	14:56	14:56	15:15	180	5	P668
32077424	SR75-1	C32/40	8	14:54	14:54	15:17	15:33			P668
32077426	SR95-1	C32/40	8	15:12	15:21	15:26	15:42	160	5	P527
32077430	SR95-1	C32/40	8	15:34	15:44	15:48	16:06			P527
32077431	SR95-1	C32/40	8	15:40	15:52	16:10	16:24			P540
32077434	SR95-1	C32/40	7.5	16:25	16:34	16:37	17:10			P540
Totals:			**231.5 m3**					**$\bar{X}$ = 173**	**20**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	231.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	19/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

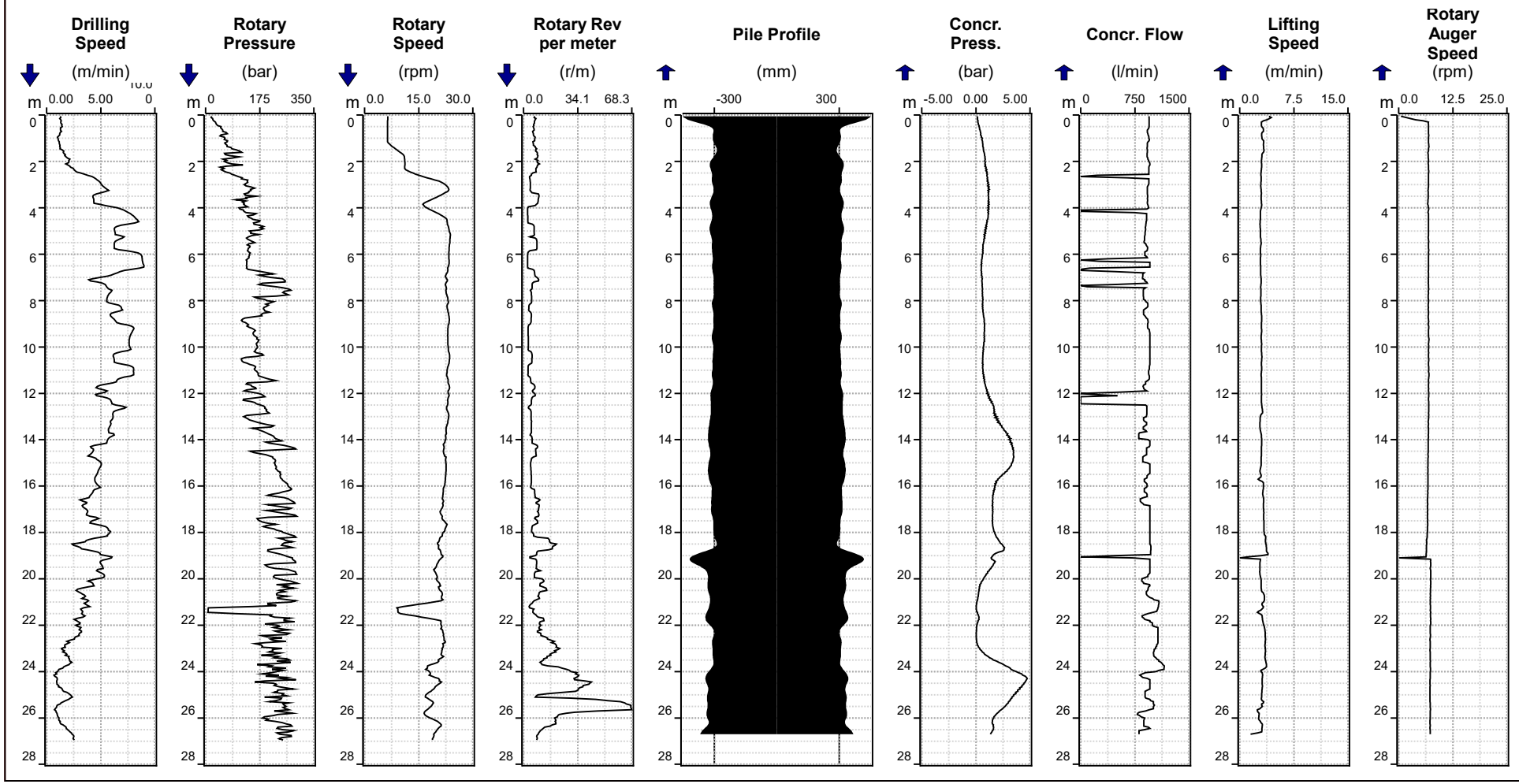
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:39 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P323**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	19/03/2025	Start:	19/03/2025
Time:	08:42:50	Time:	08:58:30
End:	19/03/2025	End:	19/03/2025
Time:	08:57:00	Time:	09:08:09
Design Depth	26.90 m	Concreting Start Depth:	26.74 m
Depth Reached	26.96 m	Total Concrete Volume:	8.65 m³
		Overbreak	13 %
		Total Pump Strokes:	262

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.06 °
Mast Tilt (Y):	-0.17 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	10:29
Weather	Sunny	**Drilling - Finish Time**	10:42
Rig	5422 - Soilmec SR75	**Date Constructed**	18/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P324	2.240	**-24.000**	2.790	P5E	x	C32/40	DC-4	26.900

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540063.399	180103.473
As-built	540063.419	180103.521
Difference	0.020	0.048
Vector (m)	0.052	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P324	600	**-24.050**	2.832	P5E	x	C32/40	DC-4	26.950

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	207
Average Revolutions/m Penetration	7.7

Concreting	
As-Built Volume (m^3)	9.2
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	21%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	18/03/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077226	SR95-1	C32/40	8	07:38	07:50	07:57	08:09			P199
32077227	SR75-1	C32/40	8	07:43	07:55	08:00	08:12	190	5	P265
32077229	SR75-1	C32/40	8	07:56	08:04	08:16	09:00			P265
32077230	SR95-1	C32/40	8	07:57	08:09	08:30	09:09			P199
32077234	SR75-1	C32/40	8	08:36	08:49	09:01	09:16			P637
32077235	SR95-1	C32/40	8	08:38	08:55	09:11	09:22			P261
32077240	SR75-1	C32/40	8	09:16	09:30	09:33	09:51			P637
32077241	SR95-1	C32/40	8	09:17	09:31	09:37	09:51			P261
32077244	SR75-1	C32/40	8	09:34	09:50	09:54	10:06			P375
32077246	SR75-1	C32/40	8	09:41	09:51	10:06	10:21			P375
32077251	SR95-1	C32/40	8	10:02	10:15	10:26	10:42			P430
32077254	SR75-1	C32/40	8	10:11	10:32	10:42	11:03			P324
32077256	SR95-1	C32/40	8	10:27	10:39	10:43	10:58			P430
32077257	SR95-1	C32/40	8	10:31	10:44	11:06	11:42	160	5	P521
32077265	SR75-1	C32/40	8	11:06	11:20	11:25	11:36			P326
32077267	SR75-1	C32/40	8	11:17	11:30	11:46	12:13			P137
32077271	SR95-1	C32/40	8	11:41	11:56	11:56	12:06			P521
32077276	SR95-1	C32/40	8	11:59	12:15	12:17	12:37			P525
32077277	SR95-1	C32/40	8	12:03	12:24	12:41	12:50			P535,P525
32077286	SR95-1	C32/40	8	12:51	13:00	13:03	13:17			P535
32077287	SR75-1	C32/40	8	12:52	13:04	13:18	13:35			P141
32077297	SR75-1	C32/40	8	11:46	13:50	13:58	14:12			P669
32077298	SR75-1	C32/40	8	13:40	13:55	14:14	14:46	180	5	P144
32077307	SR95-1	C32/40	8	14:23	14:36	14:38	14:57			P529
32077308	SR75-1	C32/40	8	14:28	14:41	14:57	15:21			P671
32077315	SR95-1	C32/40	8	15:00	15:14	15:22	15:32			P536,P529
32077316	SR95-1	C32/40	8	15:07	15:17	15:42	15:59			P536
32077323	SR95-1	C32/40	8	15:37	15:48	16:00	16:16			P539
32077331	SR95-1	C32/40	4	16:11	16:18	16:42	17:08			P539
Totals:			**228 m3**					**$\bar{X}$ = 177**	**15**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	228

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	18/03/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

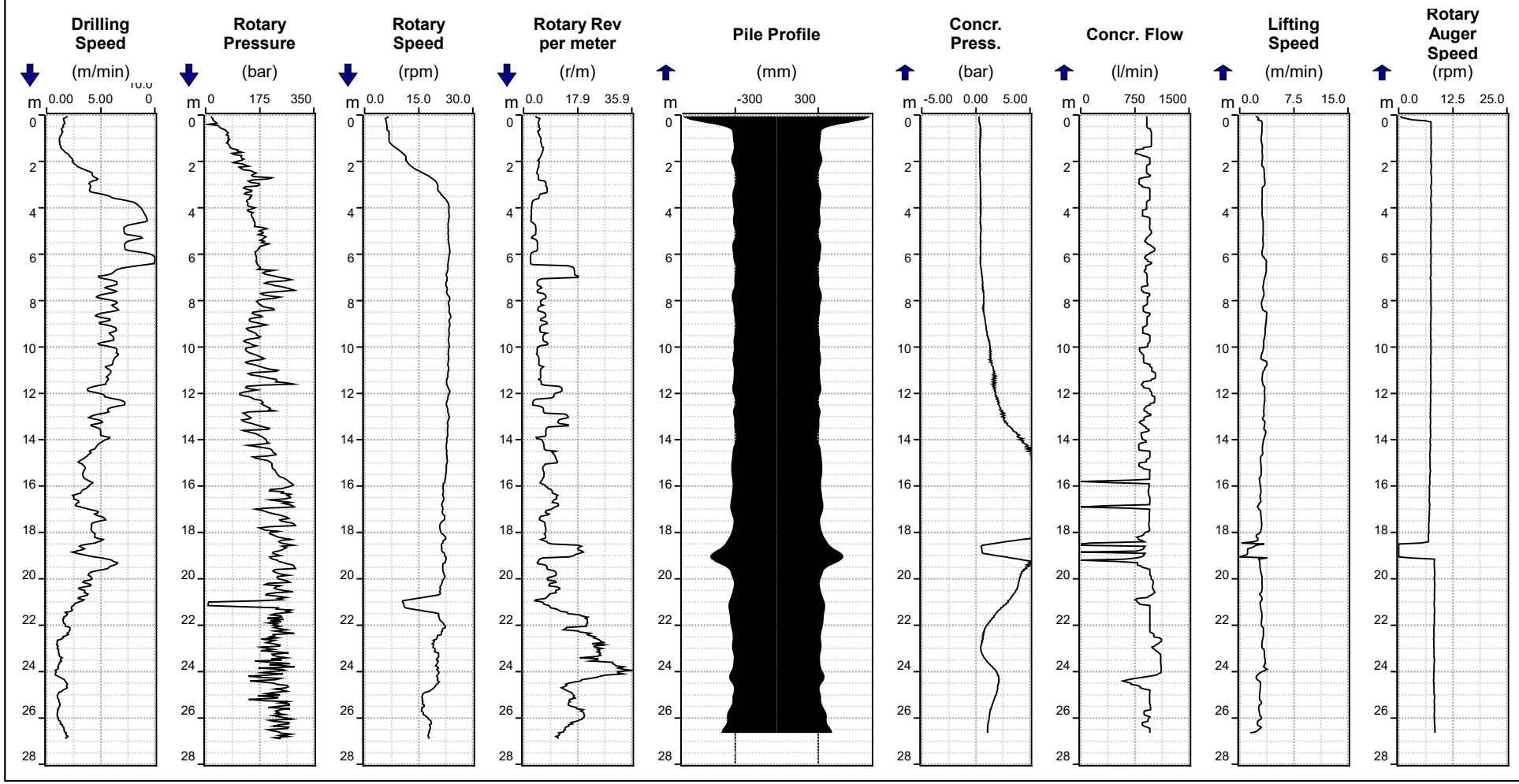
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:39 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P324**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	18/03/2025	Start:	18/03/2025
Time:	10:29:44	Time:	10:43:11
End:	18/03/2025	End:	18/03/2025
Time:	10:42:18	Time:	10:54:17
Design Depth	26.90 m	Concreting Start Depth:	26.67 m
Depth Reached	26.95 m	Total Concrete Volume:	9.20 m³
		Overbreak	21 %
		Total Pump Strokes:	279

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.07 °
Mast Tilt (Y):	-0.13 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	10:02
Weather	Raining	**Drilling - Finish Time**	10:10
Rig	5422 - Soilmec SR75	**Date Constructed**	10/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**450**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P325	2.240	**-18.700**	2.840	P7F	x	C32/40	DC-4	21.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540065.050	180101.645
As-built	540065.030	180101.638
Difference	-0.020	-0.007
Vector (m)	0.021	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P325	450	**-18.720**	2.861	P7F	x	C32/40	DC-4	21.620

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	142
Average Revolutions/m Penetration	6.6

Concreting	
As-Built Volume (m^3)	4.22
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	23%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
James Owen	**Noora Ali**	**Graham Smith**	**Ada Infrastructure**

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	10/03/2025
Air Temperature during Concreting	14°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32076753	SR75-1	C32/40	8	08:18	08:24	08:28	09:25	180	5	P374,P649
32076756	SR75-1	C32/40	8	08:56	09:41	09:44	10:17			P325,P644
32076758	SR75-1	C32/40	8	09:46	10:28	10:58	10:28			P647,P645
32076767	SR75-1	C32/40	8	10:39	10:53	10:59	11:40			P643,P622
32076777	SR75-1	C32/40	8	11:44	12:03	12:04	12:58			P618,P621
32076794	SR75-1	C32/40	8	13:39	13:52	13:55	15:03			P033,P617
32076796	SR75-1	C32/40	8	13:53	14:02	15:03	16:04			P038,P033
32076815	SR75-1	C32/40	8	15:54	16:02	16:07	16:54			P038
Totals:			**64 m3**					**$\bar{X}$ = 180**	**5**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	64

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	10/03/2025

Cage Reference:	Type P7F

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

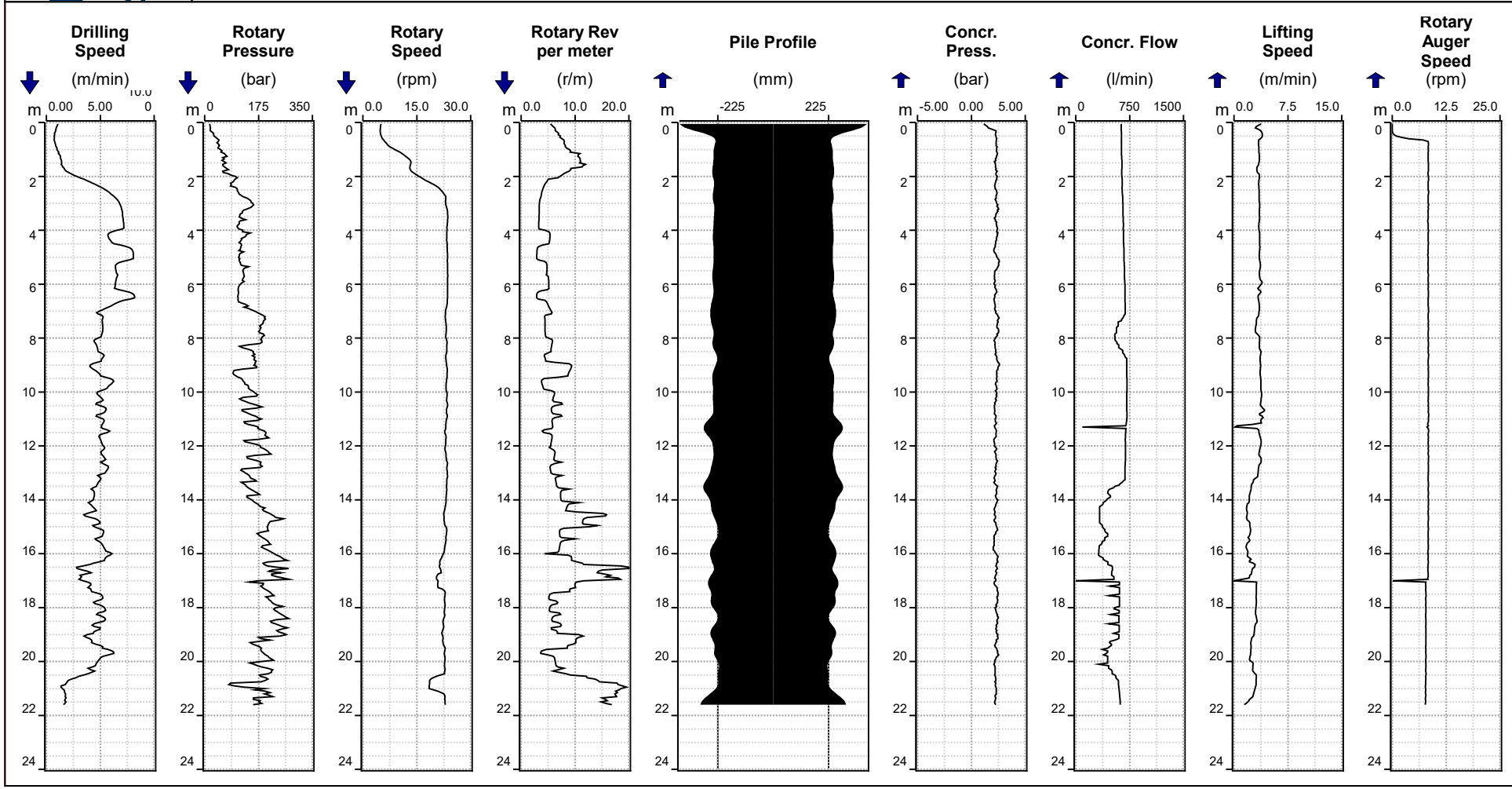
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	09:03 07/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P325**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	10/03/2025	Start:	10/03/2025
Time:	10:02:10	Time:	10:12:14
End:	10/03/2025	End:	10/03/2025
Time:	10:10:02	Time:	10:46:10
Design Depth	21.60 m	Concreting Start Depth:	21.62 m
Depth Reached	21.62 m	Total Concrete Volume:	4.22 m³
		Overbreak	23 %
		Total Pump Strokes:	182

Pile Diameter:	450.00 mm
Mast Tilt (X):	0.06 °
Mast Tilt (Y):	0.09 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	11:02
Weather	Sunny	**Drilling - Finish Time**	11:13
Rig	5422 - Soilmec SR75	**Date Constructed**	18/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P326	2.040	**-23.700**	2.740	P5	x	C32/40	DC-4	26.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.860	0.860

Pile Position	**Eastings**	**Northings**
Design	540067.713	180101.241
As-built	540067.641	180101.244
Difference	-0.072	0.003
Vector (m)	0.072	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P326	600	**-23.780**	2.795	P5	x	C32/40	DC-4	26.680

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	187
Average Revolutions/m Penetration	7.0

Concreting	
As-Built Volume (m^3)	8.91
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	18%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	18/03/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077226	SR95-1	C32/40	8	07:38	07:50	07:57	08:09			P199
32077227	SR75-1	C32/40	8	07:43	07:55	08:00	08:12	190	5	P265
32077229	SR75-1	C32/40	8	07:56	08:04	08:16	09:00			P265
32077230	SR95-1	C32/40	8	07:57	08:09	08:30	09:09			P199
32077234	SR75-1	C32/40	8	08:36	08:49	09:01	09:16			P637
32077235	SR95-1	C32/40	8	08:38	08:55	09:11	09:22			P261
32077240	SR75-1	C32/40	8	09:16	09:30	09:33	09:51			P637
32077241	SR95-1	C32/40	8	09:17	09:31	09:37	09:51			P261
32077244	SR75-1	C32/40	8	09:34	09:50	09:54	10:06			P375
32077246	SR75-1	C32/40	8	09:41	09:51	10:06	10:21			P375
32077251	SR95-1	C32/40	8	10:02	10:15	10:26	10:42			P430
32077254	SR75-1	C32/40	8	10:11	10:32	10:42	11:03			P324
32077256	SR95-1	C32/40	8	10:27	10:39	10:43	10:58			P430
32077257	SR95-1	C32/40	8	10:31	10:44	11:06	11:42	160	5	P521
32077265	SR75-1	C32/40	8	11:06	11:20	11:25	11:36			P326
32077267	SR75-1	C32/40	8	11:17	11:30	11:46	12:13			P137
32077271	SR95-1	C32/40	8	11:41	11:56	11:56	12:06			P521
32077276	SR95-1	C32/40	8	11:59	12:15	12:17	12:37			P525
32077277	SR95-1	C32/40	8	12:03	12:24	12:41	12:50			P535,P525
32077286	SR95-1	C32/40	8	12:51	13:00	13:03	13:17			P535
32077287	SR75-1	C32/40	8	12:52	13:04	13:18	13:35			P141
32077297	SR75-1	C32/40	8	11:46	13:50	13:58	14:12			P669
32077298	SR75-1	C32/40	8	13:40	13:55	14:14	14:46	180	5	P144
32077307	SR95-1	C32/40	8	14:23	14:36	14:38	14:57			P529
32077308	SR75-1	C32/40	8	14:28	14:41	14:57	15:21			P671
32077315	SR95-1	C32/40	8	15:00	15:14	15:22	15:32			P536,P529
32077316	SR95-1	C32/40	8	15:07	15:17	15:42	15:59			P536
32077323	SR95-1	C32/40	8	15:37	15:48	16:00	16:16			P539
32077331	SR95-1	C32/40	4	16:11	16:18	16:42	17:08			P539
Totals:			**228 m3**					**$\bar{X}$ = 177**	**15**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	228

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	18/03/2025

Cage Reference:	Type P5

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

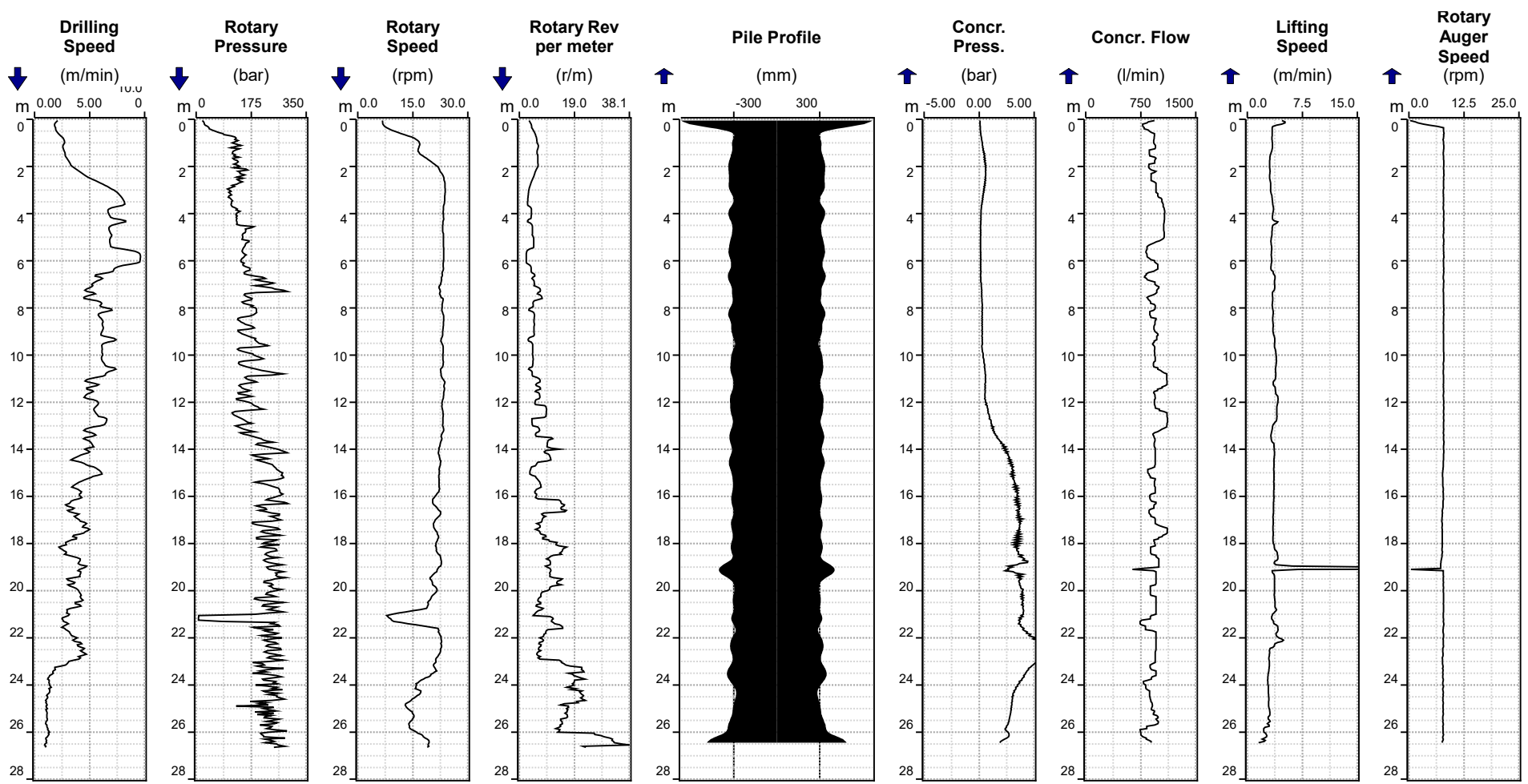
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:08 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P326**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	18/03/2025	Start:	18/03/2025
Time:	11:02:58	Time:	11:15:01
End:	18/03/2025	End:	18/03/2025
Time:	11:13:34	Time:	11:23:44
Design Depth	26.60 m	Concreting Start Depth:	26.47 m
Depth Reached	26.68 m	Total Concrete Volume:	8.91 m³
		Overbreak	18 %
		Total Pump Strokes:	270

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.20 °
Mast Tilt (Y):	-0.62 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:48
Weather	Sunny	**Drilling - Finish Time**	10:01
Rig	5422 - Soilmec SR75	**Date Constructed**	19/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P327	2.040	**-23.700**	2.740	P5	x	C32/40	DC-4	26.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.860	0.860

Pile Position	**Eastings**	**Northings**
Design	540069.229	180099.007
As-built	540069.212	180099.054
Difference	-0.017	0.047
Vector (m)	0.050	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P327	600	**-23.770**	2.796	P5	x	C32/40	DC-4	26.670

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	195
Average Revolutions/m Penetration	7.3

Concreting	
As-Built Volume (m^3)	8.73
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	16%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	19/03/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077361	SR75-1	C32/40	8	07:33	07:46	07:57	08:08	180	5	P373
32077362	SR75-1	C32/40	8	07:44	07:54	08:10	08:23			P323
32077365	SR95-1	C32/40	8	07:59	08:10	08:24	09:04			P200
32077363	SR95-1	C32/40	8	07:47	07:59	08:31	08:46			P200
32077368	SR95-1	C32/40	8	08:45	08:56	09:04	09:19			P266
32077369	SR75-1	C32/40	8	08:52	09:03	09:07	09:26			P327
32077372	SR95-1	C32/40	8	09:11	09:21	09:26	10:02	170	5	P537
32077371	SR95-1	C32/40	8	09:02	09:12	09:35	09:49			P263
32077377	SR75-1	C32/40	8	09:44	10:02	10:02	10:19			P641
32077379	SR95-1	C32/40	8	09:57	10:10	10:11	10:23			P537
32077383	SR75-1	C32/40	8	10:23	10:34	10:37	10:50			P139
32077381	SR75-1	C32/40	8	10:13	10:24	10:48	10:58			P139
32077388	SR95-1	C32/40	8	10:55	11:10	11:13	11:26			P534
32077391	SR95-1	C32/40	8	11:14	11:28	11:30	11:41			P534
32077393	SR75-1	C32/40	8	11:28	11:40	11:53	12:10			P143
32077396	SR95-1	C32/40	8	11:43	11:58	12:11	12:25			P523
32077402	SR95-1	C32/40	8	12:20	12:32	12:36	12:44			P429
32077400	SR95-1	C32/40	8	12:09	12:23	12:57	13:13			P523
32077403	SR95-1	C32/40	8	12:31	12:40	13:12	13:27			P429
32077407	SR75-1	C32/40	8	12:56	13:06	14:04	14:21			P670
32077412	SR75-1	C32/40	8	13:44	14:25	14:25	14:34			P142
32077413	SR95-1	C32/40	8	13:41	13:52	14:36	14:49			P533
32077420	SR95-1	C32/40	8	14:28	14:48	14:51	15:03			P533
32077422	SR75-1	C32/40	8	14:45	14:56	14:56	15:15	180	5	P668
32077424	SR75-1	C32/40	8	14:54	14:54	15:17	15:33			P668
32077426	SR95-1	C32/40	8	15:12	15:21	15:26	15:42	160	5	P527
32077430	SR95-1	C32/40	8	15:34	15:44	15:48	16:06			P527
32077431	SR95-1	C32/40	8	15:40	15:52	16:10	16:24			P540
32077434	SR95-1	C32/40	7.5	16:25	16:34	16:37	17:10			P540
Totals:			**231.5 m3**					**$\bar{X}$ = 173**	**20**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	231.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	19/03/2025

Cage Reference:	Type P5

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

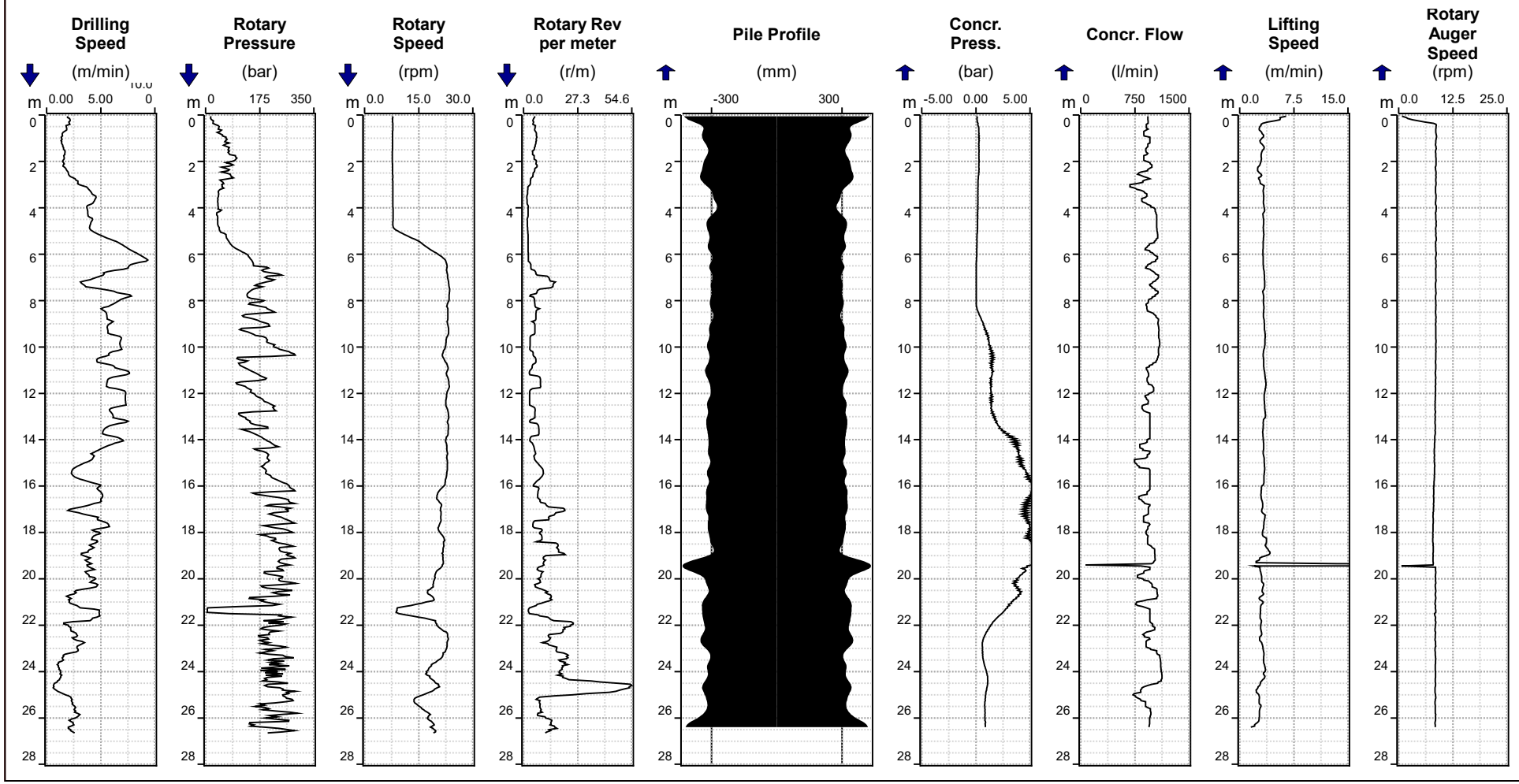
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:08 18/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P327**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	19/03/2025	Start:	19/03/2025
Time:	09:48:52	Time:	10:01:55
End:	19/03/2025	End:	19/03/2025
Time:	10:01:08	Time:	10:11:27
Design Depth	26.60 m	Concreting Start Depth:	26.43 m
Depth Reached	26.67 m	Total Concrete Volume:	8.73 m³
		Overbreak	16 %
		Total Pump Strokes:	265

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.03 °
Mast Tilt (Y):	-0.17 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	15:50
Weather	Cloudy	**Drilling - Finish Time**	15:53
Rig	5422 - Soilmec SR75	**Date Constructed**	12/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:	**Design Diameter (mm)**		**450**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P328	2.165	**-20.700**	2.865	P7G	x	C32/40	DC-4	23.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	Y
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.735	0.735

Pile Position	**Eastings**	**Northings**
Design	539991.930	180202.508
As-built	539991.866	180202.496
Difference	-0.064	-0.012
Vector (m)	0.065	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P328	450	**-21.110**	2.872	P7G	x	C32/40	DC-4	24.010

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	45
Average Revolutions/m Penetration	1.9

Concreting	
As-Built Volume (m^3)	4.61
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	21%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**
Blocked at digging head.	

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
James Owen	**Noora Ali**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	12/03/2025
Air Temperature during Concreting	4°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32076894	SR75-1	C32/40	8	07:43	07:54	08:21	09:11	170	5	P614
32076904	SR75-1	C32/40 BP1	8	08:54	09:05	09:13	10:20	190	5	P623
32076912	SR75-1	C32/40	8	09:31	09:51	10:47	12:07			P648,P646
32076945	SR75-1	C32/40	8	12:38	12:54	12:59	13:29			P037,P034
32076952	SR75-1	C32/40	8	13:20	13:35	13:49	14:20			P450,P659,P037
32076965	SR75-1	C32/40	8	14:32	14:47	14:50	15:23			P658,P438
32076973	SR75-1	C32/40	8	15:09	15:22	15:34	16:27			P267,P328
32076981	SR75-1	C32/40	8	16:05	16:14	16:27	17:06			P149,P146
Totals:			**64 m3**					**$\bar{X}$ = 180**	**10**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	56
C32/40 BP1	C32/40	DC-4	380	S4	0.35	8

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	12/03/2025

Cage Reference:	Type P7G

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

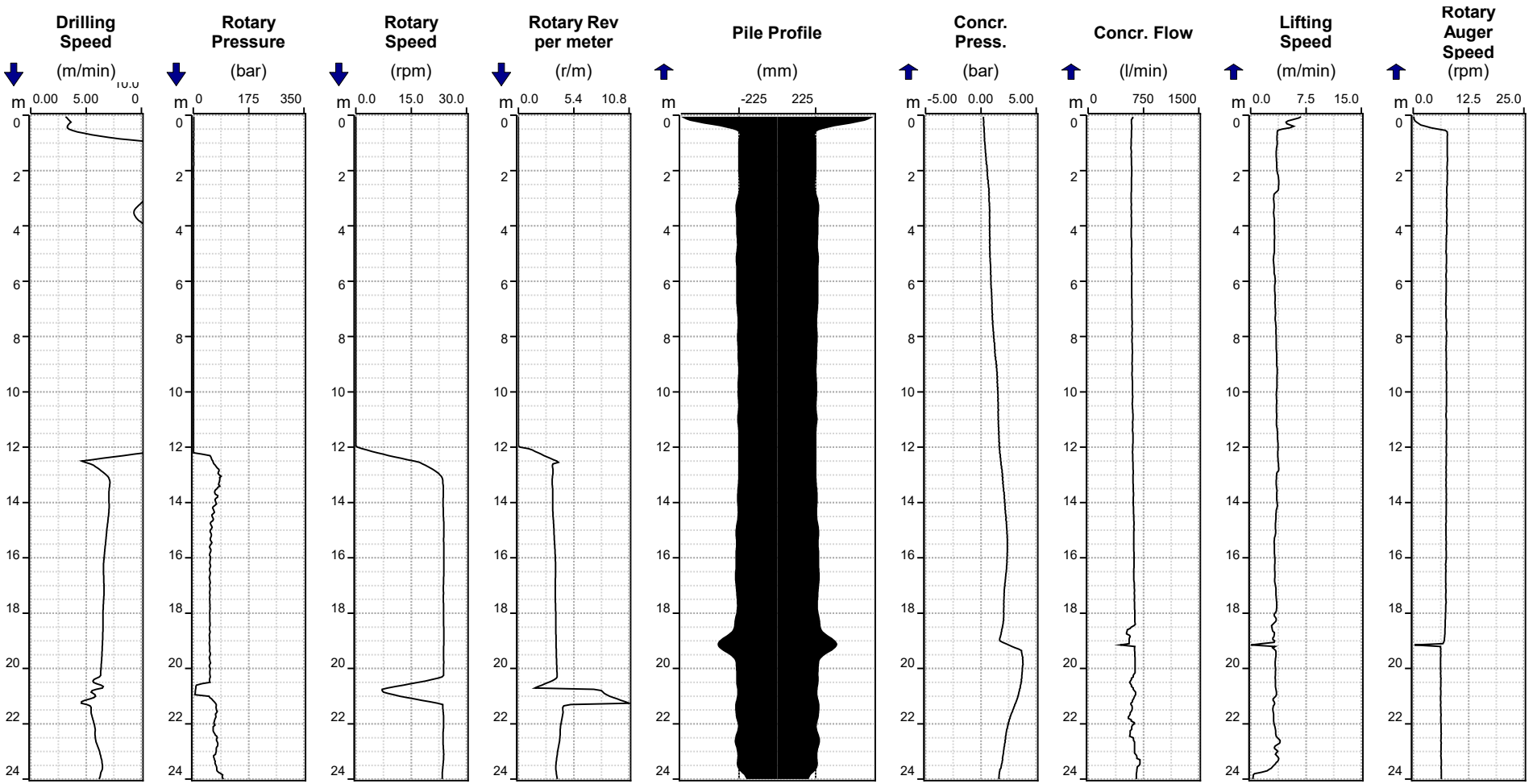
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	09:49 11/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P328r**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	12/03/2025	Start:	12/03/2025
Time:	15:50:07	Time:	15:54:24
End:	12/03/2025	End:	12/03/2025
Time:	15:53:39	Time:	16:02:17
Design Depth	23.60 m	Concreting Start Depth:	24.01 m
Depth Reached	24.01 m	Total Concrete Volume:	4.61 m³
		Overbreak	21 %
		Total Pump Strokes:	202

Pile Diameter:	450.00 mm
Mast Tilt (X):	-0.10 °
Mast Tilt (Y):	-0.20 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	08:50
Weather	Cloudy	**Drilling - Finish Time**	08:59
Rig	5422 - Soilmec SR75	**Date Constructed**	14/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:	**Design Diameter (mm)**		**450**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P329	2.165	**-20.700**	2.865	P7G	x	C32/40	DC-4	23.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.735	0.735

Pile Position	**Eastings**	**Northings**
Design	539990.110	180201.272
As-built	539990.108	180201.318
Difference	-0.002	0.046
Vector (m)	0.046	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P329	450	**-20.730**	2.852	P7G	x	C32/40	DC-4	23.630

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	155
Average Revolutions/m Penetration	6.6

Concreting	
As-Built Volume (m^3)	4.62
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	23%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

Keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	14/03/2025
Air Temperature during Concreting	7°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077082	SR75-1	C32/40	8	07:51	08:05	08:09	08:48	170	5	P443,P331
32077085	SR75-1	C32/40	8	08:29	08:47	08:49	09:31			P329,P268
32077090	SR75-1	C32/40	8	09:05	09:22	09:32	10:02			P148,P147
32077094	SR75-1	C32/40	8	09:39	09:51	10:03	10:49			P007,P010
32077099	SR75-1	C32/40	8	10:25	10:38	10:50	11:39			P006,P002,P003
32077104	SR75-1	C32/40	8	11:17	11:33	11:41	12:24			P688,P448
32077115	SR75-1	C32/40	8	13:43	13:53	13:56	14:28			P654,P657,P655
32077118	SR75-1	C32/40	8	13:55	14:08	14:30	15:04			P653
32077124	SR75-1	C32/40	8	14:44	15:04	15:07	15:58			P674,P678,P682,P679
32077133	SR75-1	C32/40	3.5	16:03	16:10	16:12	16:30			P674
Totals:			**75.5 m3**					**$\bar{X}$ = 170**	**5**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	75.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	14/03/2025

Cage Reference:	Type P7G

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

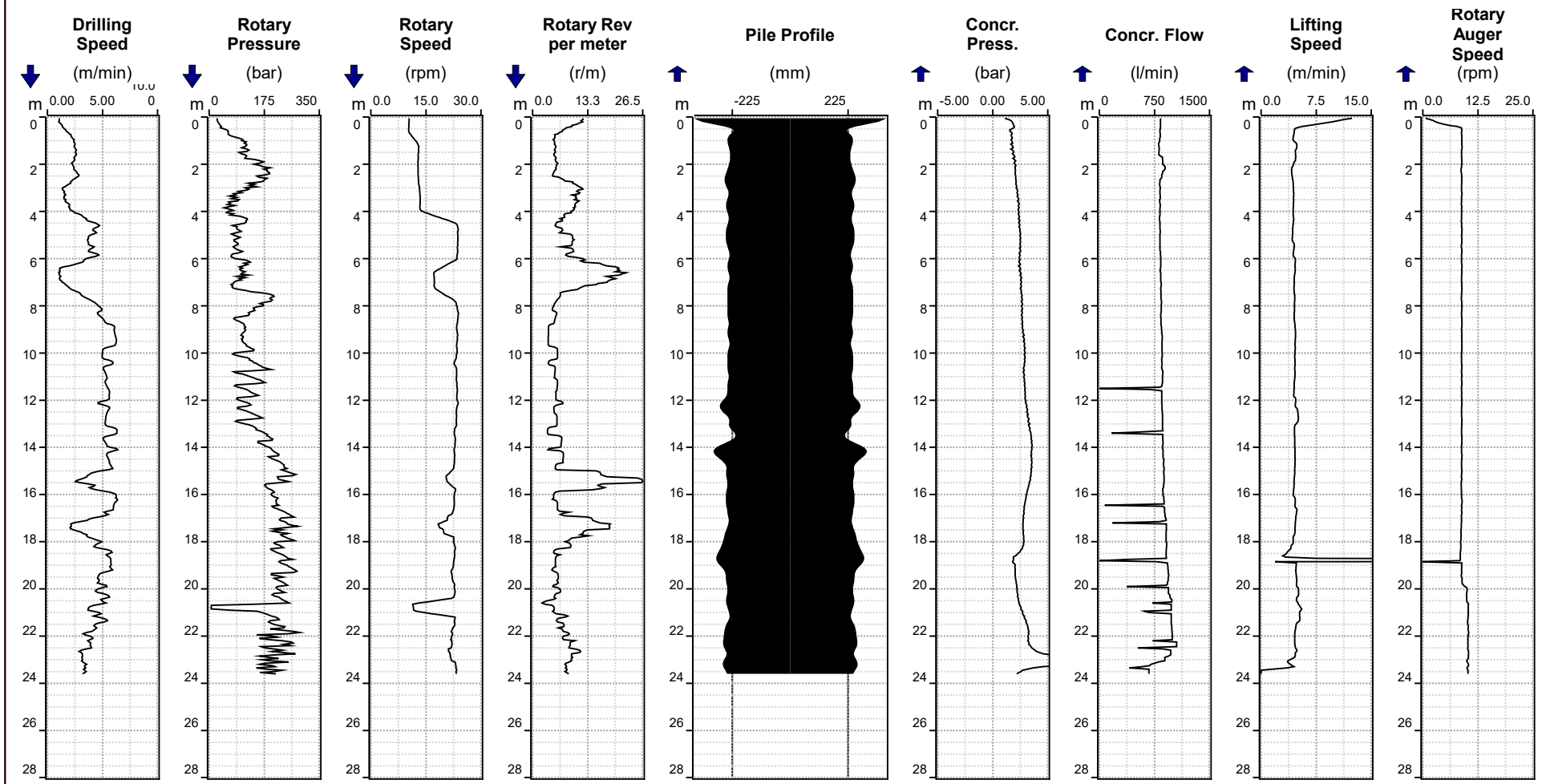
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:21 13/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P329**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	14/03/2025	Start:	14/03/2025
Time:	08:50:16	Time:	09:00:24
End:	14/03/2025	End:	14/03/2025
Time:	08:59:26	Time:	09:06:34
Design Depth	23.60 m	Concreting Start Depth:	23.63 m
Depth Reached	23.63 m	Total Concrete Volume:	4.62 m³
		Overbreak	23 %
		Total Pump Strokes:	135

Pile Diameter:	450.00 mm
Mast Tilt (X):	0.07 °
Mast Tilt (Y):	-0.05 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:19
Weather	Cloudy	**Drilling - Finish Time**	09:26
Rig	5422 - Soilmec SR75	**Date Constructed**	13/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:	**Design Diameter (mm)**		**450**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P330	2.165	**-22.600**	2.865	P7G	x	C32/40	DC-4	25.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.735	0.735

Pile Position	**Eastings**	**Northings**
Design	539985.772	180199.650
As-built	539985.831	180199.606
Difference	0.059	-0.044
Vector (m)	0.074	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P330	450	**-22.660**	2.876	P7G	x	C32/40	DC-4	25.560

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	138
Average Revolutions/m Penetration	5.4

Concreting	
As-Built Volume (m^3)	5.7
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	40%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	13/03/2025
Air Temperature during Concreting	6°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32076988	SR75-1	C32/40	8	08:05	08:06	08:47	09:37	180	5	P687,P330,P437
32077006	SR75-1	C32/40	8	10:04	10:06	10:09	10:51			P330,P012,P009,P008
32077011	SR75-1	C32/40	8	10:33	10:36	10:52	11:35			P001,P005,P009,P004
32077021	SR75-1	C32/40	8	11:22	11:27	11:37	12:27			P684,P681,P685
32077050	SR75-1	C32/40	8	13:49	13:50	14:15	15:09			P677,P675,P449,P680
32077066	SR75-1	C32/40	8	15:09	15:27	15:29	16:16			P449,P440
32077071	SR75-1	C32/40	8	15:40	15:51	16:18	16:41			P439,P656
Totals:			**56 m3**					**$\bar{X}$ = 180**	**5**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	56

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	13/03/2025

Cage Reference:	Type P7G

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

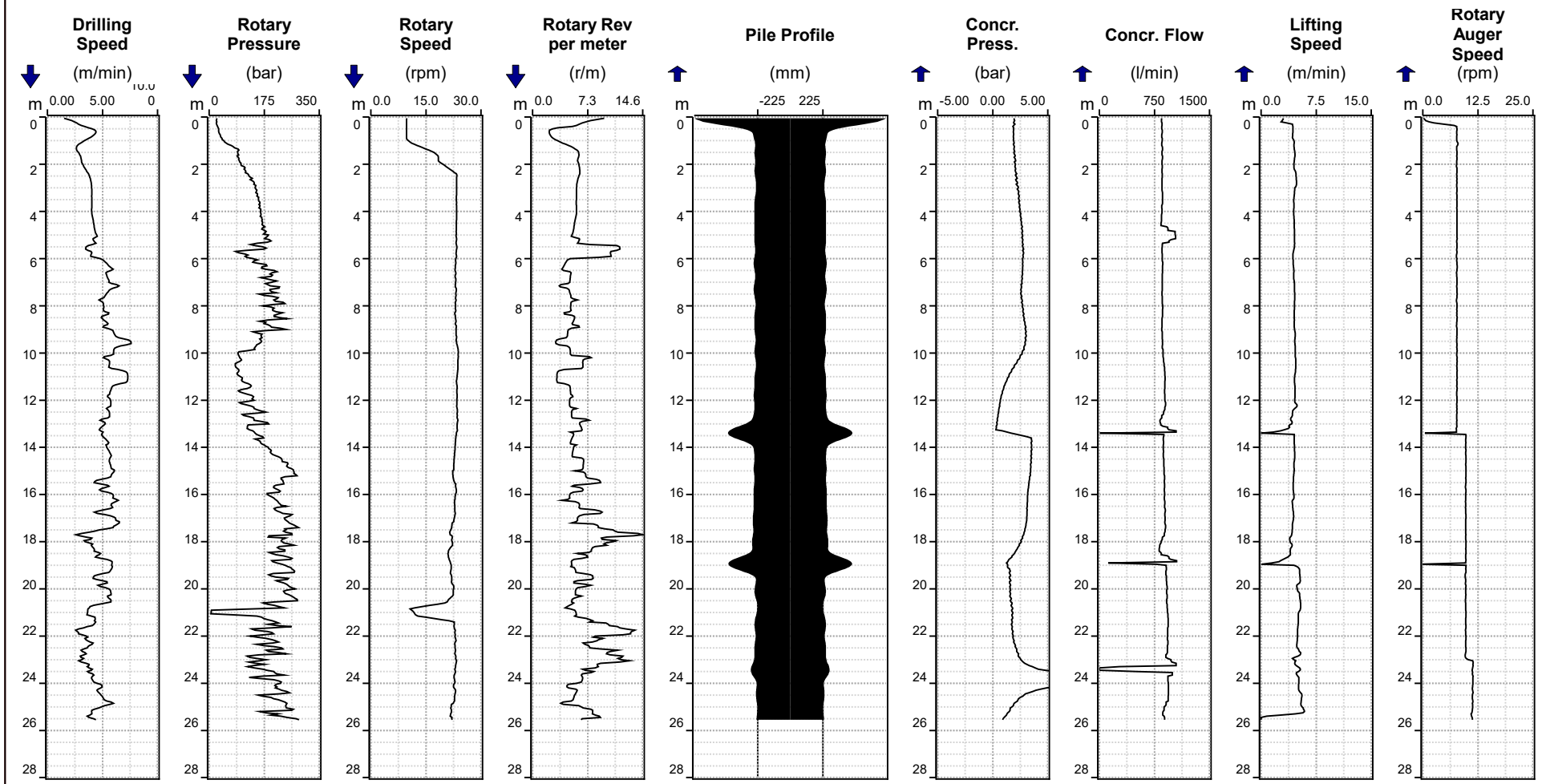
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	09:49 11/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P330**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	13/03/2025	Start:	13/03/2025
Time:	09:19:45	Time:	09:27:39
End:	13/03/2025	End:	13/03/2025
Time:	09:26:47	Time:	10:07:28
Design Depth	25.50 m	Concreting Start Depth:	25.56 m
Depth Reached	25.56 m	Total Concrete Volume:	5.70 m³
		Overbreak	40 %
		Total Pump Strokes:	162

Pile Diameter:	450.00 mm
Mast Tilt (X):	-0.13 °
Mast Tilt (Y):	0.12 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	08:24
Weather	Sunny	**Drilling - Finish Time**	08:32
Rig	5422 - Soilmec SR75	**Date Constructed**	14/03/2025
Engineer	Noora Ali	**Completed by**	Noora Ali

Scheduled Pile Details:	**Design Diameter (mm)**		**450**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P331	2.165	**-22.600**	2.865		P7G	x	C32/40	DC-4	25.500

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.735	0.735

Pile Position	**Eastings**	**Northings**
Design	539987.008	180197.830
As-built	539986.986	180197.824
Difference	-0.022	-0.006
Vector (m)	0.023	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P331	450	**-22.660**	2.877	P7G	x	C32/40	DC-4	25.560

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	144
Average Revolutions/m Penetration	5.6

Concreting	
As-Built Volume (m^3)	5.08
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	25%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Noora Ali**	**Graham Smith**	

Keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	14/03/2025
Air Temperature during Concreting	7°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32077082	SR75-1	C32/40	8	07:51	08:05	08:09	08:48	170	5	P443,P331
32077085	SR75-1	C32/40	8	08:29	08:47	08:49	09:31			P329,P268
32077090	SR75-1	C32/40	8	09:05	09:22	09:32	10:02			P148,P147
32077094	SR75-1	C32/40	8	09:39	09:51	10:03	10:49			P007,P010
32077099	SR75-1	C32/40	8	10:25	10:38	10:50	11:39			P006,P002,P003
32077104	SR75-1	C32/40	8	11:17	11:33	11:41	12:24			P688,P448
32077115	SR75-1	C32/40	8	13:43	13:53	13:56	14:28			P654,P657,P655
32077118	SR75-1	C32/40	8	13:55	14:08	14:30	15:04			P653
32077124	SR75-1	C32/40	8	14:44	15:04	15:07	15:58			P674,P678,P682,P679
32077133	SR75-1	C32/40	3.5	16:03	16:10	16:12	16:30			P674
Totals:			**75.5 m3**					**$\bar{X}$ = 170**	**5**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	75.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	14/03/2025

Cage Reference:	Type P7G

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

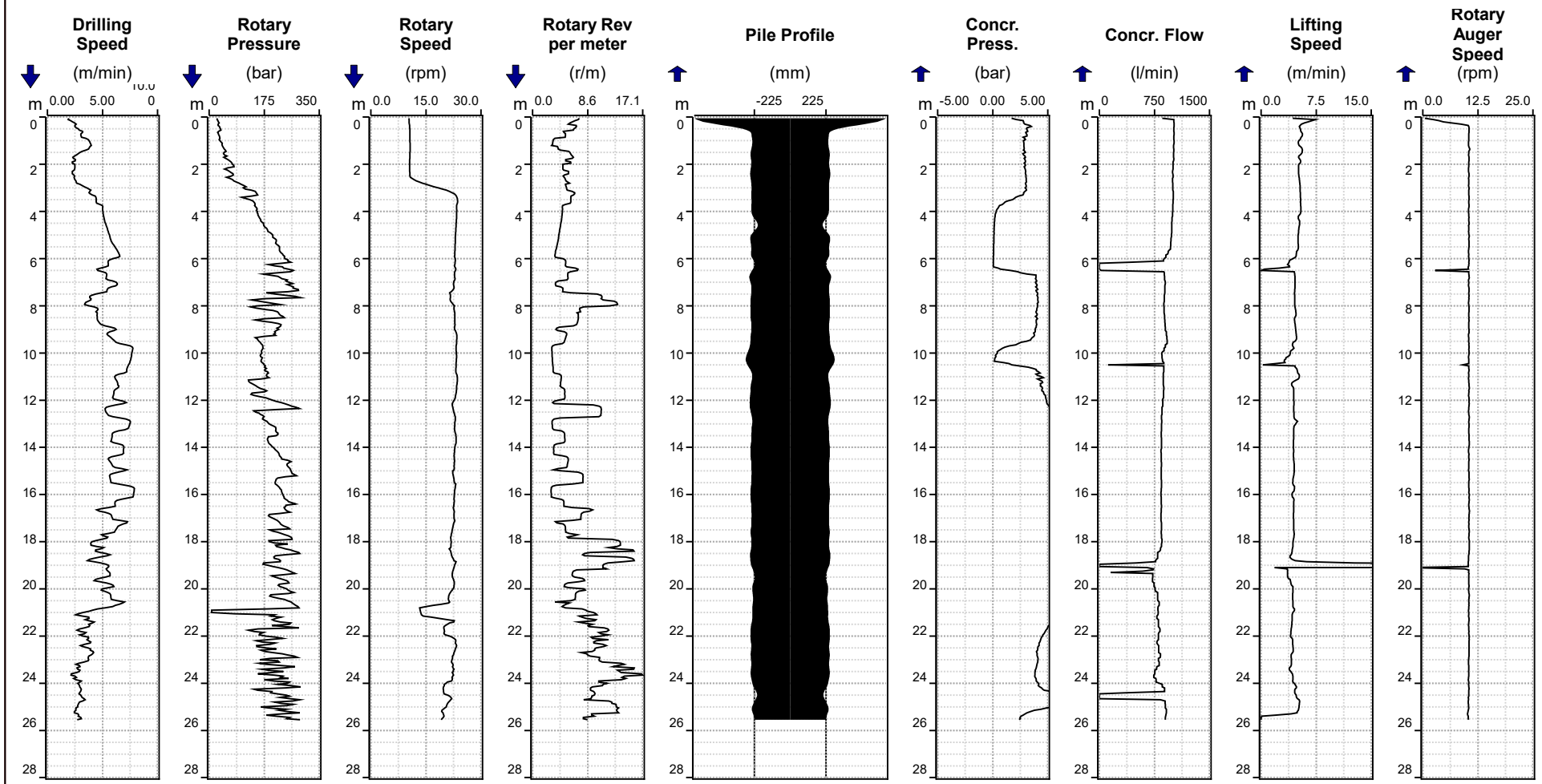
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	12:21 13/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P331**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	14/03/2025	Start:	14/03/2025
Time:	08:24:18	Time:	08:34:55
End:	14/03/2025	End:	14/03/2025
Time:	08:32:30	Time:	08:45:52
Design Depth	25.50 m	Concreting Start Depth:	25.55 m
Depth Reached	25.56 m	Total Concrete Volume:	5.08 m³
		Overbreak	25 %
		Total Pump Strokes:	148

Pile Diameter:	450.00 mm
Mast Tilt (X):	0.00 °
Mast Tilt (Y):	0.03 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:36
Weather	Sunny	**Drilling - Finish Time**	12:51
Rig	5422 - Soilmec SR75	**Date Constructed**	30/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**:Y11-KTB-XX-XX-SH-C-000**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P332	0.065	**-22.700**	2.765		P5B	x	C32/40	DC-4	25.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539995.670	180193.474
As-built	539995.617	180193.450
Difference	-0.053	-0.024
Vector (m)	0.058	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P332	600	**-22.710**	2.799	P5B	x	C32/40	DC-4	25.610

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	271
Average Revolutions/m Penetration	10.6

Concreting	
As-Built Volume (m^3)	8.28
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	14%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	30/04/2025
Air Temperature during Concreting	23°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079853	SR75-1	C32/40	8	07:47	07:57	08:24	09:02	180	4	P451
32079858	SR75-1	C32/40	8	08:52	09:12	09:13	09:23			P451,P340
32079860	SR75-1	C32/40	8	09:04	09:12	09:31	10:14			P334,P340
32079868	SR75-1	C32/40	8	10:29	10:41	10:58	11:37			P275,P334
32079877	SR75-1	C32/40	8	11:40	11:54	11:59	12:11			P332,P275
32079881	SR75-1	C32/40	8	12:32	12:55	13:00	14:00	180	4	P271,P332
32079887	SR75-1	C32/40	8	13:26	13:43	14:02	14:50			P271,P458
32079888	SR75-1	C32/40	8	13:32	13:48	14:51	15:19			P458,P455
32079899	SR75-1	C32/40	8	14:58	15:09	15:22	15:34	190	4	P455,P445
32079901	SR75-1	C32/40	8	15:11	15:28	15:41	15:59			P269,P445
32079869	SR95-1	C32/40	8	10:35	10:47	10:49	11:27			P152
32079872	SR95-1	C32/40	8	10:44	11:05	11:30	11:39			P152,P208
32079878	SR95-1	C32/40	8	11:42	12:00	12:35	12:46			P208
Totals:			**104 m3**					**$\bar{X}$ = 183**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	104

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	30/04/2025

Cage Reference:	Type P5B

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

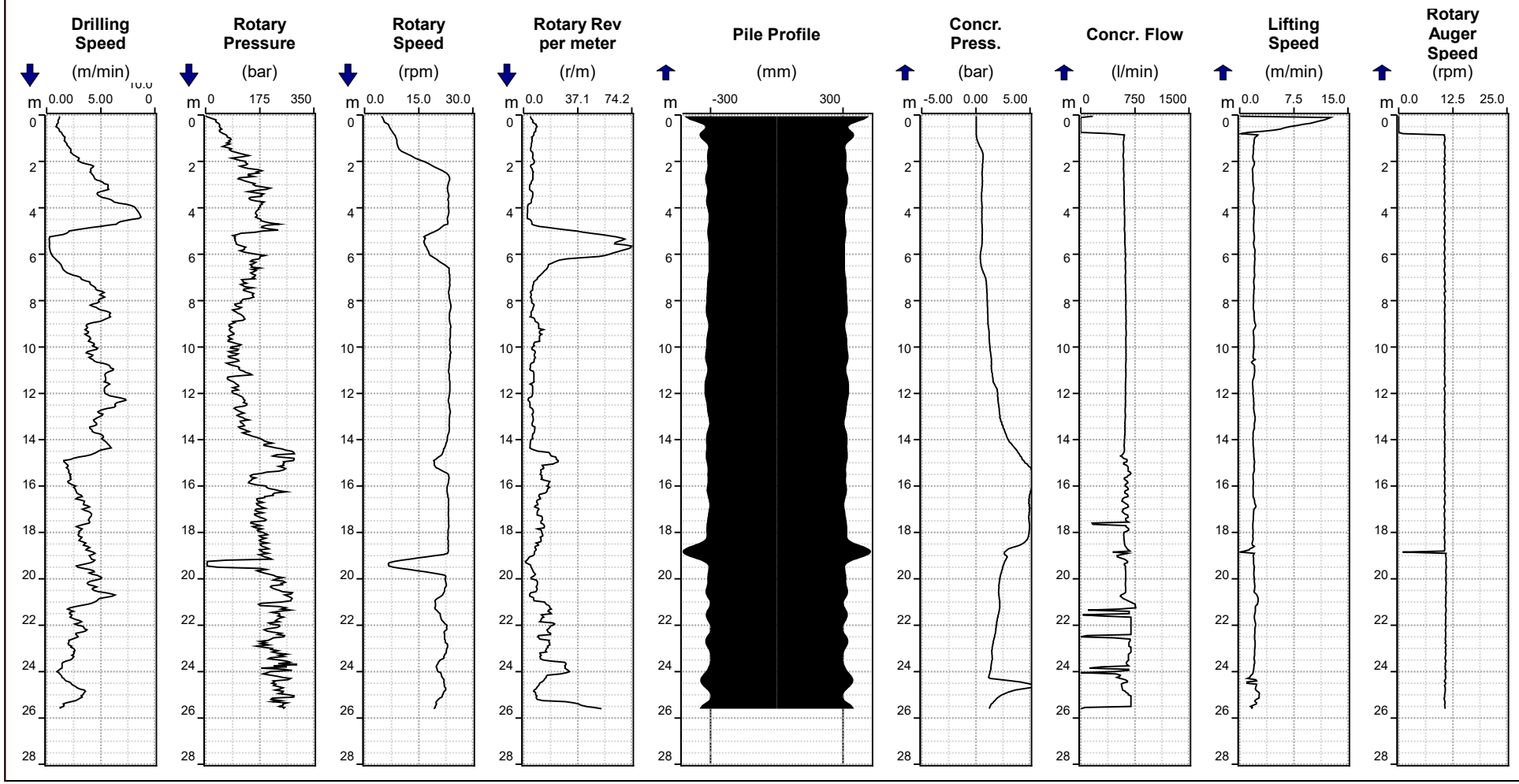
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	15:51 25/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**332**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	30/04/2025	Start:	30/04/2025
Time:	12:36:44	Time:	12:53:13
End:	30/04/2025	End:	30/04/2025
Time:	12:51:56	Time:	13:10:54
Design Depth	25.60 m	Concreting Start Depth:	25.61 m
Depth Reached	25.61 m	Total Concrete Volume:	8.28 m³
		Overbreak	14 %
		Total Pump Strokes:	369

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.06 °
Mast Tilt (Y):	-0.24 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	14:48
Weather	Cloudy	**Drilling - Finish Time**	15:07
Rig	5422 - Soilmec SR75	**Date Constructed**	25/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P333	0.065	**-22.700**	2.765	P5B	x	C32/40	DC-4	25.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.809
PPL to PCOL	2.835	2.744

Pile Position	**Eastings**	**Northings**
Design	539997.187	180191.240
As-built	539997.242	180191.248
Difference	0.055	0.008
Vector (m)	0.056	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P333	600	**-22.801**	2.809	P5B	x	C32/40	DC-4	25.610

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	382
Average Revolutions/m Penetration	14.9

Concreting	
As-Built Volume (m^3)	8.63
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	19%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	25/04/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079594	SR75-1	C32/40	8	07:37	07:48	08:04	08:13			P232
32079595	SR95-1	C32/40	8	07:40	07:55	08:04	08:15	190	4	P474
32079596	SR75-1	C32/40	8	07:48	08:01	08:20	08:52			P232,P229
32079597	SR75-1	C32/40	8	07:49	08:03	08:56	09:05			P226,P229
32079605	SR95-1	C32/40	8	09:05	09:18	09:21	09:33			P468,P474
32079606	SR75-1	C32/40	8	09:15	09:24	09:50	10:05	180	4	P226
32079616	SR75-1	C32/40	8	10:30	10:48	10:48	11:11			P224,P226
32079617	SR95-1	C32/40	8	10:31	10:48	11:04	11:18			P468
32079619	SR75-1	C32/40	8	10:41	10:53	11:13	11:23			P224,P221
32079621	SR75-1	C32/40	8	10:52	11:08	11:30	11:32			P218,P221
32079627	SR95-1	C32/40	8	11:36	11:46	11:56	12:09			P442,P468
32079628	SR75-1	C32/40	8	11:36	11:55	12:08	12:20			P341,P218
32079630	SR95-1	C32/40	8	11:41	12:00	12:09	12:20	170	4	P442
32079631	SR95-1	C32/40	8	11:49	12:06	12:53	13:09			P442,P336
32079639	SR75-1	C32/40	8	12:40	12:56	12:59	13:11			P341,P276
32079640	SR95-1	C32/40	8	12:45	13:03	13:11	13:21	180	4	P336
32079648	SR95-1	C32/40	8	13:23	13:33	13:37	14:00			P463,P336
32079449	SR75-1	C32/40	8	13:25	13:45	14:00	14:12			P276,P333
32079655	SR95-1	C32/40	8	13:56	14:07	14:12	14:25			P463
32079656	SR75-1	C32/40	8	14:00	14:12	14:45	14:55			P333
32079658	SR95-1	C32/40	8	14:12	14:21	14:48	14:58			P463
32079661	SR75-1	C32/40	8	14:17	14:29	15:07	15:19			P270,P333
32079672	SR75-1	C32/40	8	15:10	15:24	15:27	15:53			P270
32079677	SR95-1	C32/40	3.5	15:33	15:44	15:55	16:02			P463
Totals:			**187.5 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	187.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	25/04/2025

Cage Reference:	Type P5B

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

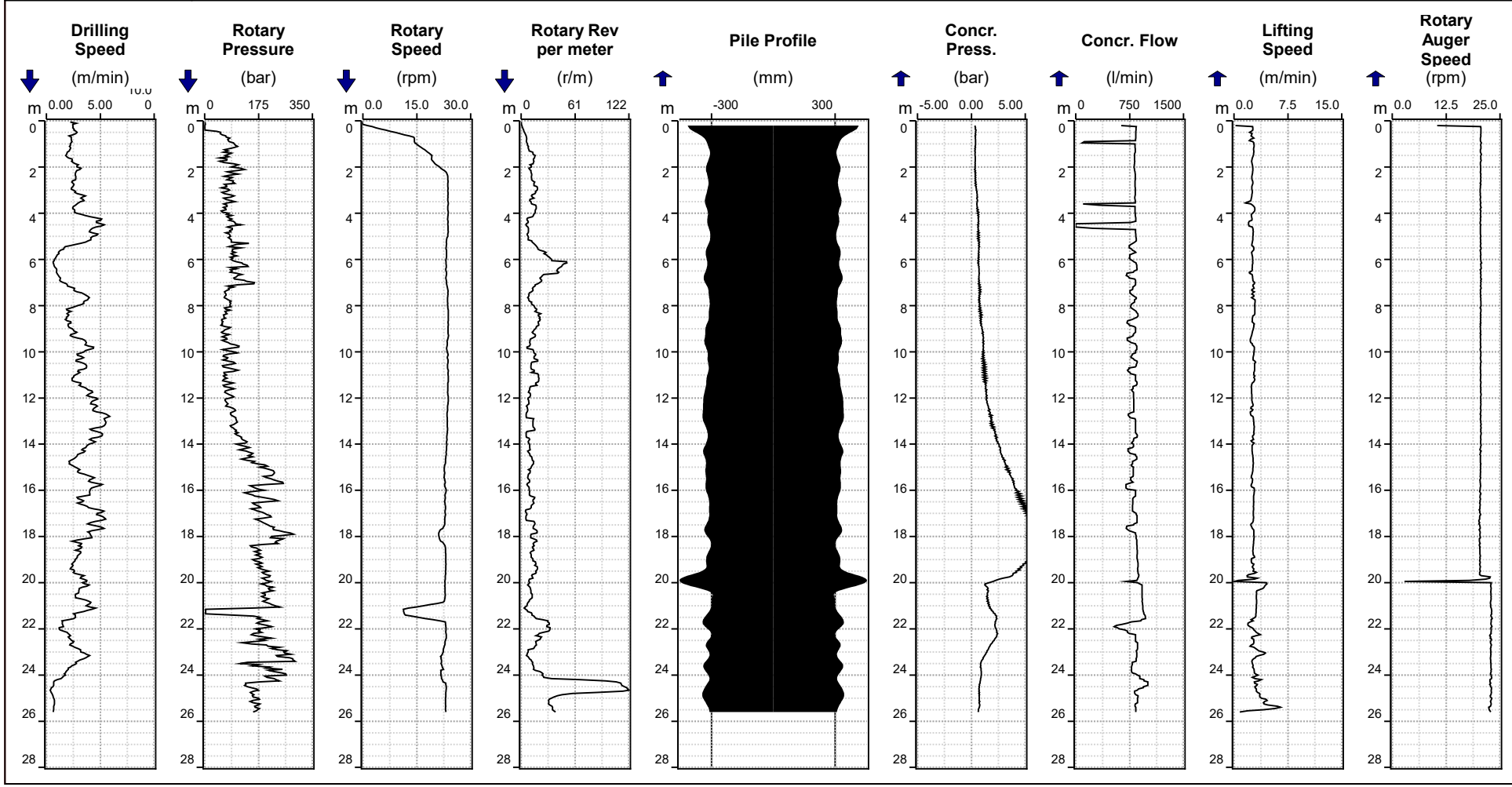
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	15:51 25/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P333**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	25/04/2025	Start:	25/04/2025
Time:	14:48:57	Time:	15:08:55
End:	25/04/2025	End:	25/04/2025
Time:	15:07:19	Time:	15:19:28
Design Depth	25.60 m	Concreting Start Depth:	25.61 m
Depth Reached	25.61 m	Total Concrete Volume:	8.63 m³
		Overbreak	19 %
		Total Pump Strokes:	280

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.03 °
Mast Tilt (Y):	0.34 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:57
Weather	Sunny	**Drilling - Finish Time**	10:07
Rig	5422 - Soilmec SR75	**Date Constructed**	30/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P334	0.065	**-19.800**	2.765	P5B	x	C32/40	DC-4	22.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539999.591	180187.699
As-built	539999.638	180187.725
Difference	0.047	0.026
Vector (m)	0.054	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P334	600	**-19.850**	2.756	P5B	x	C32/40	DC-4	22.750

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	187
Average Revolutions/m Penetration	8.2

Concreting	
As-Built Volume (m^3)	7.7
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	20%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	30/04/2025
Air Temperature during Concreting	23°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079853	SR75-1	C32/40	8	07:47	07:57	08:24	09:02	180	4	P451
32079858	SR75-1	C32/40	8	08:52	09:12	09:13	09:23			P451,P340
32079860	SR75-1	C32/40	8	09:04	09:12	09:31	10:14			P334,P340
32079868	SR75-1	C32/40	8	10:29	10:41	10:58	11:37			P275,P334
32079877	SR75-1	C32/40	8	11:40	11:54	11:59	12:11			P332,P275
32079881	SR75-1	C32/40	8	12:32	12:55	13:00	14:00	180	4	P271,P332
32079887	SR75-1	C32/40	8	13:26	13:43	14:02	14:50			P271,P458
32079888	SR75-1	C32/40	8	13:32	13:48	14:51	15:19			P458,P455
32079899	SR75-1	C32/40	8	14:58	15:09	15:22	15:34	190	4	P455,P445
32079901	SR75-1	C32/40	8	15:11	15:28	15:41	15:59			P269,P445
32079869	SR95-1	C32/40	8	10:35	10:47	10:49	11:27			P152
32079872	SR95-1	C32/40	8	10:44	11:05	11:30	11:39			P152,P208
32079878	SR95-1	C32/40	8	11:42	12:00	12:35	12:46			P208
Totals:			**104 m3**					**$\bar{X}$ = 183**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	104

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	30/04/2025

Cage Reference:	Type P5B

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

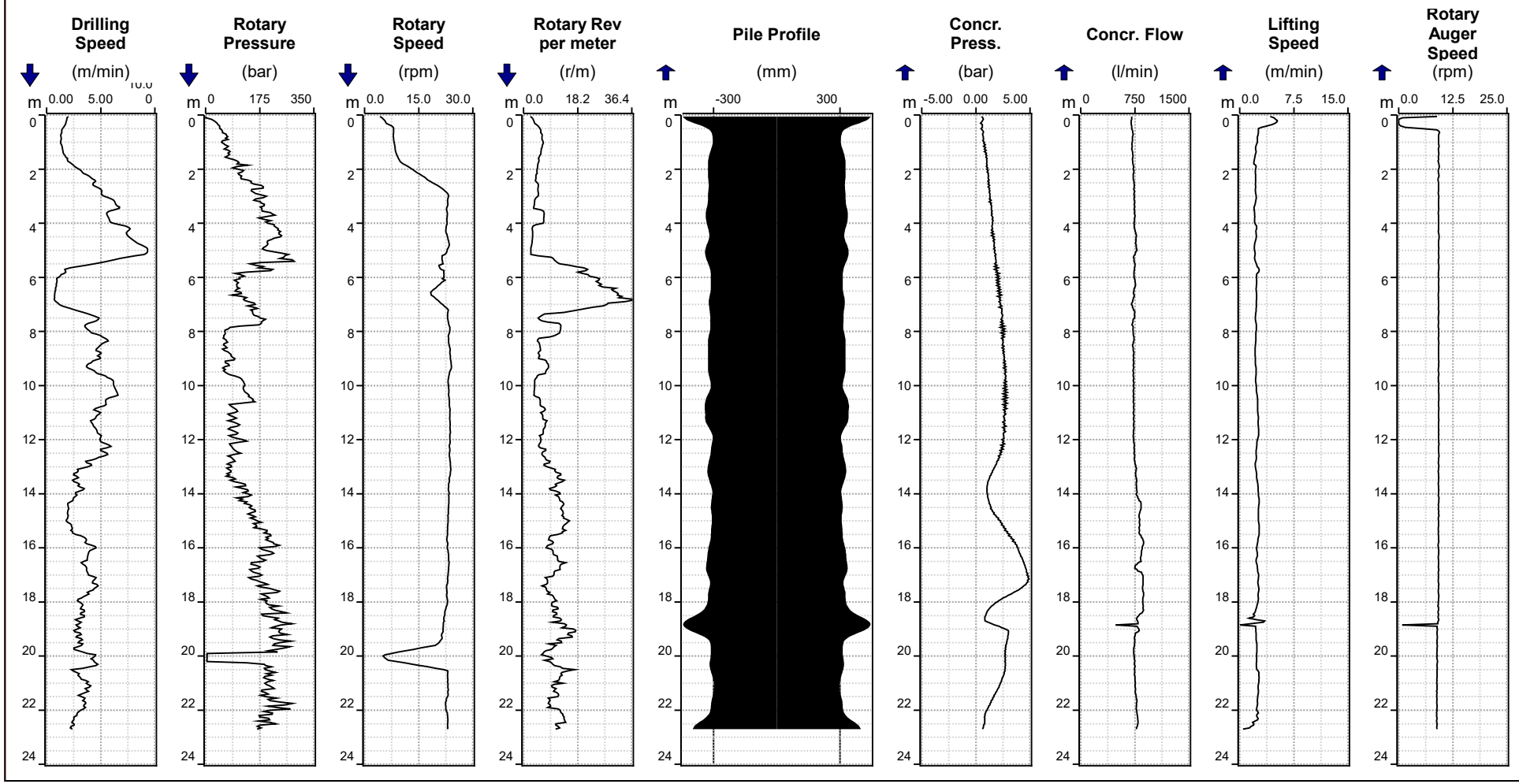
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	15:51 25/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**p334**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	30/04/2025	Start:	30/04/2025
Time:	09:57:02	Time:	10:08:21
End:	30/04/2025	End:	30/04/2025
Time:	10:07:29	Time:	10:19:17
Design Depth	22.70 m	Concreting Start Depth:	22.75 m
Depth Reached	22.75 m	Total Concrete Volume:	7.70 m³
		Overbreak	20 %
		Total Pump Strokes:	250

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.04 °
Mast Tilt (Y):	-0.11 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:21
Weather	Sunny	**Drilling - Finish Time**	12:29
Rig	5422 - Soilmec SR75	**Date Constructed**	01/05/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P335	0.065	**-19.800**	2.765	P5B	x	C32/40	DC-4	22.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	540001.108	180185.465
As-built	540001.121	180185.457
Difference	0.013	-0.008
Vector (m)	0.015	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P335	600	**-19.810**	2.776	P5B	x	C32/40	DC-4	22.710

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	125
Average Revolutions/m Penetration	5.5

Concreting	
As-Built Volume (m^3)	7.64
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	19%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	01/05/2025
Air Temperature during Concreting	25°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079911	SR75-1	C32/40	8	07:31	07:39	07:44	08:06	180	4	P457
32079913	SR95-1	C32/40	8	07:44	07:54	08:03	08:24			P383
32079914	SR75-1	C32/40	8	07:53	08:07	08:14	08:23			P453,P457
32079915	SR95-1	C32/40	8	08:03	08:14	08:30	08:43			P383
32079916	SR75-1	C32/40	8	08:07	08:18	08:51	08:53			P453,P452
32079918	SR75-1	C32/40	8	08:21	08:30	08:56	09:25			P478,P452
32079921	SR75-1	C32/40	8	08:59	09:08	09:39	10:20			P478,P446
32079923	SR75-1	C32/40	8	09:10	09:19	09:41	10:22	170	4	P446,P273
32079922	SR95-1	C32/40	8	09:00	09:14	09:56	10:09			P380
32079925	SR95-1	C32/40	8	09:28	09:38	10:19	10:47			P380
32079936	SR75-1	C32/40	8	10:53	11:08	11:11	11:29			P273,P272
32079939	SR75-1	C32/40	8	11:09	11:22	12:06	12:21			P272,P335
32079948	SR75-1	C32/40	8	12:16	12:26	12:30	12:45			P335,P274
32079952	SR95-1	C32/40	8	12:30	12:53	12:53	13:03			P084
32079955	SR95-1	C32/40	8	12:50	13:01	13:18	13:36			P084
32079965	SR75-1	C32/40	8	13:52	14:06	14:09	14:46			P214,P274
32079973	SR75-1	C32/40	8	14:37	14:45	14:48	14:56			P214
Totals:			**136 m3**					**$\bar{X}$ = 175**	**8**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	136

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	01/05/2025

Cage Reference:	Type P5B

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

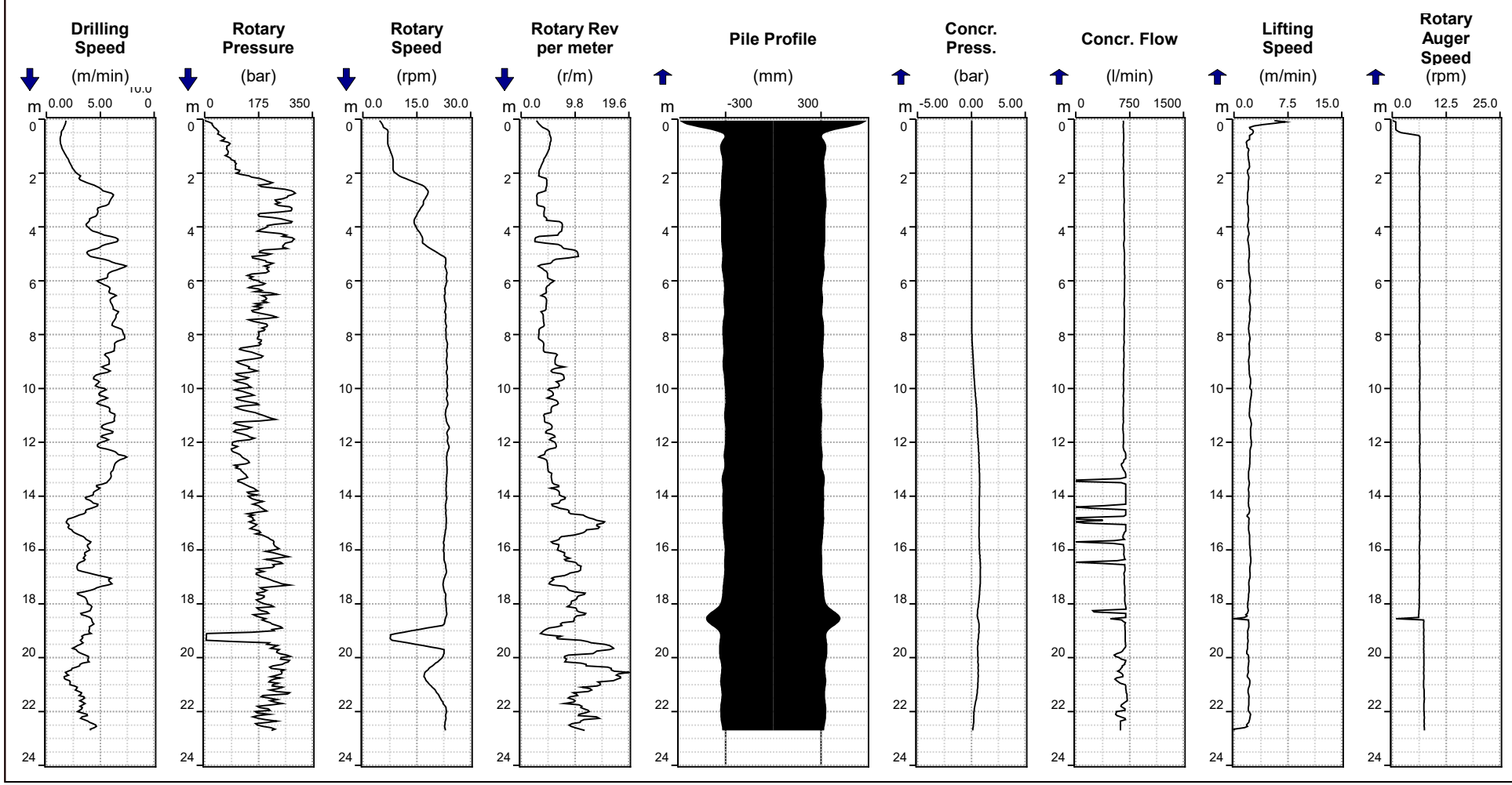
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	15:51 25/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**p335**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	01/05/2025	Start:	01/05/2025
Time:	12:21:49	Time:	12:30:02
End:	01/05/2025	End:	01/05/2025
Time:	12:29:12	Time:	12:42:02
Design Depth	22.70 m	Concreting Start Depth:	22.71 m
Depth Reached	22.71 m	Total Concrete Volume:	7.64 m³
		Overbreak	19 %
		Total Pump Strokes:	340

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.08 °
Mast Tilt (Y):	-0.21 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:22
Weather	Cloudy	**Drilling - Finish Time**	13:49
Rig	4928 - Soilmec SR95	**Date Constructed**	25/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**750**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P336	0.065	**-29.300**	2.765		T5C	T8 x 1No D47	C32/40	DC-4	32.200

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539992.411	180191.261
As-built	539992.357	180191.300
Difference	-0.054	0.039
Vector (m)	0.067	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P336	750	**-29.340**	2.842	T5C	1 x 15m 1No D47	C32/40	DC-4	32.240

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	476
Average Revolutions/m Penetration	14.8

Concreting	
As-Built Volume (m^3)	15.55
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	9%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	25/04/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079594	SR75-1	C32/40	8	07:37	07:48	08:04	08:13			P232
32079595	SR95-1	C32/40	8	07:40	07:55	08:04	08:15	190	4	P474
32079596	SR75-1	C32/40	8	07:48	08:01	08:20	08:52			P232,P229
32079597	SR75-1	C32/40	8	07:49	08:03	08:56	09:05			P226,P229
32079605	SR95-1	C32/40	8	09:05	09:18	09:21	09:33			P468,P474
32079606	SR75-1	C32/40	8	09:15	09:24	09:50	10:05	180	4	P226
32079616	SR75-1	C32/40	8	10:30	10:48	10:48	11:11			P224,P226
32079617	SR95-1	C32/40	8	10:31	10:48	11:04	11:18			P468
32079619	SR75-1	C32/40	8	10:41	10:53	11:13	11:23			P224,P221
32079621	SR75-1	C32/40	8	10:52	11:08	11:30	11:32			P218,P221
32079627	SR95-1	C32/40	8	11:36	11:46	11:56	12:09			P442,P468
32079628	SR75-1	C32/40	8	11:36	11:55	12:08	12:20			P341,P218
32079630	SR95-1	C32/40	8	11:41	12:00	12:09	12:20	170	4	P442
32079631	SR95-1	C32/40	8	11:49	12:06	12:53	13:09			P442,P336
32079639	SR75-1	C32/40	8	12:40	12:56	12:59	13:11			P341,P276
32079640	SR95-1	C32/40	8	12:45	13:03	13:11	13:21	180	4	P336
32079648	SR95-1	C32/40	8	13:23	13:33	13:37	14:00			P463,P336
32079449	SR75-1	C32/40	8	13:25	13:45	14:00	14:12			P276,P333
32079655	SR95-1	C32/40	8	13:56	14:07	14:12	14:25			P463
32079656	SR75-1	C32/40	8	14:00	14:12	14:45	14:55			P333
32079658	SR95-1	C32/40	8	14:12	14:21	14:48	14:58			P463
32079661	SR75-1	C32/40	8	14:17	14:29	15:07	15:19			P270,P333
32079672	SR75-1	C32/40	8	15:10	15:24	15:27	15:53			P270
32079677	SR95-1	C32/40	3.5	15:33	15:44	15:55	16:02			P463
Totals:			**187.5 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	187.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	25/04/2025

Cage Reference:	Type T5C

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

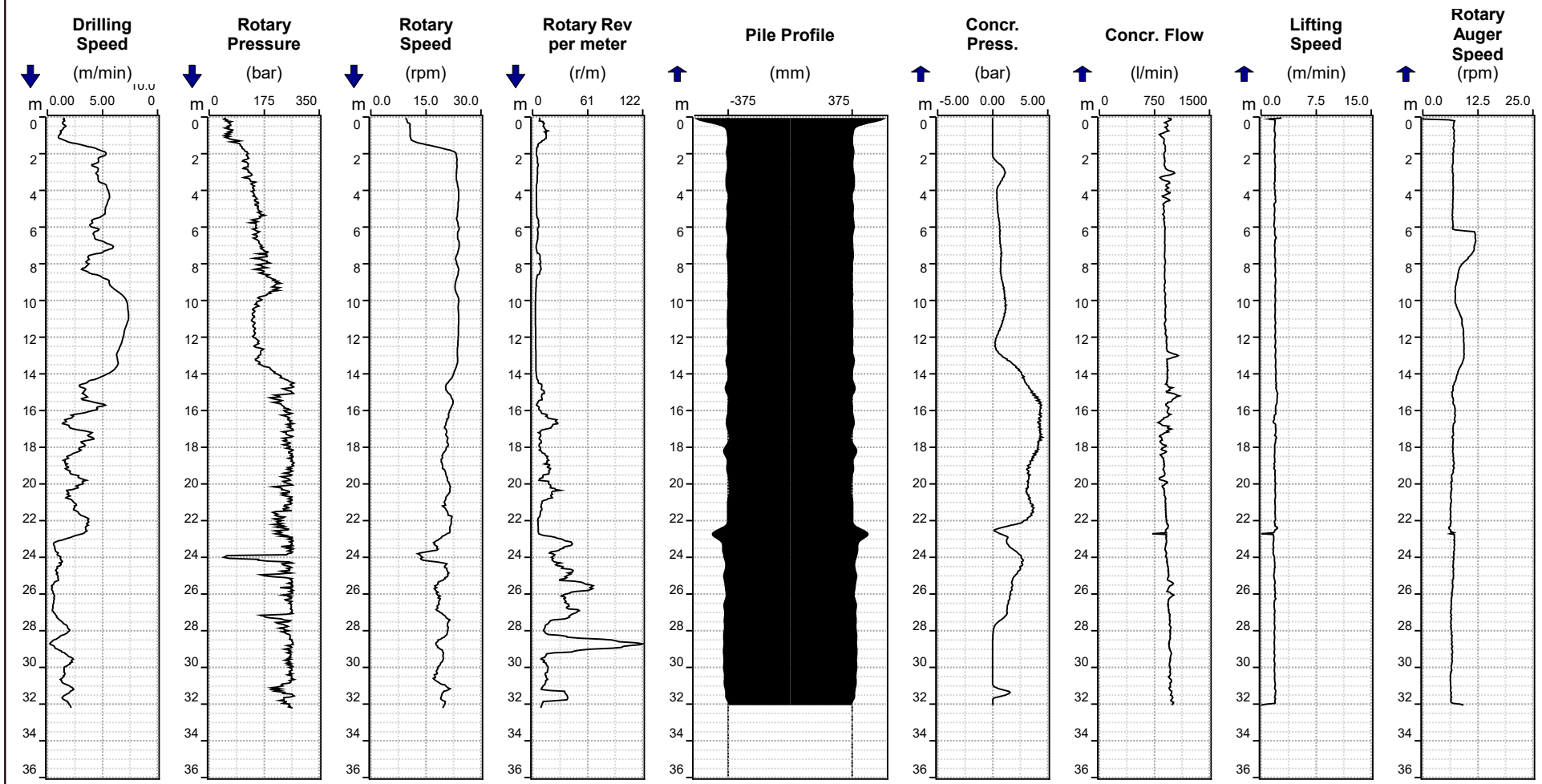
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	13:36 25/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P336**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	25/04/2025	Start:	25/04/2025
Time:	13:22:34	Time:	13:50:33
End:	25/04/2025	End:	25/04/2025
Time:	13:49:40	Time:	14:08:09
Design Depth	32.20 m	Concreting Start Depth:	32.08 m
Depth Reached	32.24 m	Total Concrete Volume:	15.55 m³
		Overbreak	9 %
		Total Pump Strokes:	506

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.12 °
Mast Tilt (Y):	-0.22 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:35
Weather	Sunny	**Drilling - Finish Time**	13:56
Rig	4928 - Soilmec SR95	**Date Constructed**	24/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P337	0.065	**-29.300**	2.765	T5C	T8 x 1No D47	C32/40	DC-4	32.200

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539993.927	180189.027
As-built	539993.921	180189.027
Difference	-0.006	0.000
Vector (m)	0.006	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P337	750	**-29.330**	2.834	T5C	1 x 15m 1No D47	C32/40	DC-4	32.230

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	402
Average Revolutions/m Penetration	12.5

Concreting	
As-Built Volume (m^3)	16.56
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	16%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079506	SR75-1	C32/40	8	07:39	07:49	07:59	08:09			P549
32079507	SR95-1	C32/40	8	07:42	07:56	08:08	08:17			P358
32079509	SR75-1	C32/40	8	07:57	08:05	08:11	08:42			P549,P481
32079513	SR75-1	C32/40	8	08:16	08:30	08:41	08:54			P476,P481
32079511	SR95-1	C32/40	8	08:07	08:19	08:42	08:55			P358
32079514	SR95-1	C32/40	8	08:22	08:35	08:58	09:21			P308,P358
32079516	SR75-1	C32/40	8	09:01	09:10	09:15	09:26	180	4	P476
32079517	SR95-1	C32/40	8	09:03	09:15	09:23	09:38			P308,P040
32079518	SR75-1	C32/40	8	09:04	09:24	09:28	09:44			P601
32079522	SR95-1	C32/40	8	09:30	09:44	10:12	10:23			P040
32079524	SR75-1	C32/40	8	09:39	09:56	10:13	10:25			P601,P456
32079525	SR95-1	C32/40	8	09:46	09:57	10:28	10:42			P301,P040
32079528	SR75-1	C32/40	8	10:01	10:11	10:29	11:03			P456,P216
32079532	SR95-1	C32/40	8	10:16	10:34	10:43	11:06	180	4	P301
32079534	SR75-1	C32/40	8	10:32	10:44	11:03	11:30			P213,P216
32079537	SR95-1	C32/40	8	11:04	11:18	11:34	11:47			P339,P301
32079539	SR75-1	C32/40	8	11:17	11:28	11:41	11:50			P213
32079543	SR95-1	C32/40	8	11:44	11:57	12:02	12:14			P339
32079546	SR75-1	C32/40	8	12:02	12:18	12:18	12:29	180	4	P228
32079549	SR95-1	C32/40	8	12:20	12:33	12:34	13:02			P339,P337
32079550	SR75-1	C32/40	8	12:24	12:38	13:03	13:12			P231,P228
32079558	SR95-1	C32/40	8	13:16	13:26	13:29	13:41			P337
32079560	SR75-1	C32/40	8	13:23	13:41	13:45	13:59			P225,P231
32079564	SR95-1	C32/40	8	13:45	14:02	14:10	14:21			P337,P466
32079566	SR75-1	C32/40	8	13:58	14:13	14:23	14:32			P225
32079570	SR75-1	C32/40	8	14:25	14:33	14:38	15:25			P222,P225
32079572	SR95-1	C32/40	8	14:37	14:51	14:52	15:04	180	4	P466
32079577	SR75-1	C32/40	8	15:09	15:28	15:32	15:43			P219,P222
32079578	SR95-1	C32/40	8	15:27	15:36	15:45	15:54			P460,P466
32079581	SR75-1	C32/40	8	15:49	15:59	16:05	16:15			P219
32079585	SR95-1	C32/40	8	16:07	16:15	16:23	16:37			P460
32079856	SR75-1	C32/40	8	16:10	16:20	16:24	16:39			P219
32079588	SR95-1	C32/40	8	16:41	16:54	16:54	17:09			P460
Totals:			**264 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	264

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/04/2025

Cage Reference:	Type T5C

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

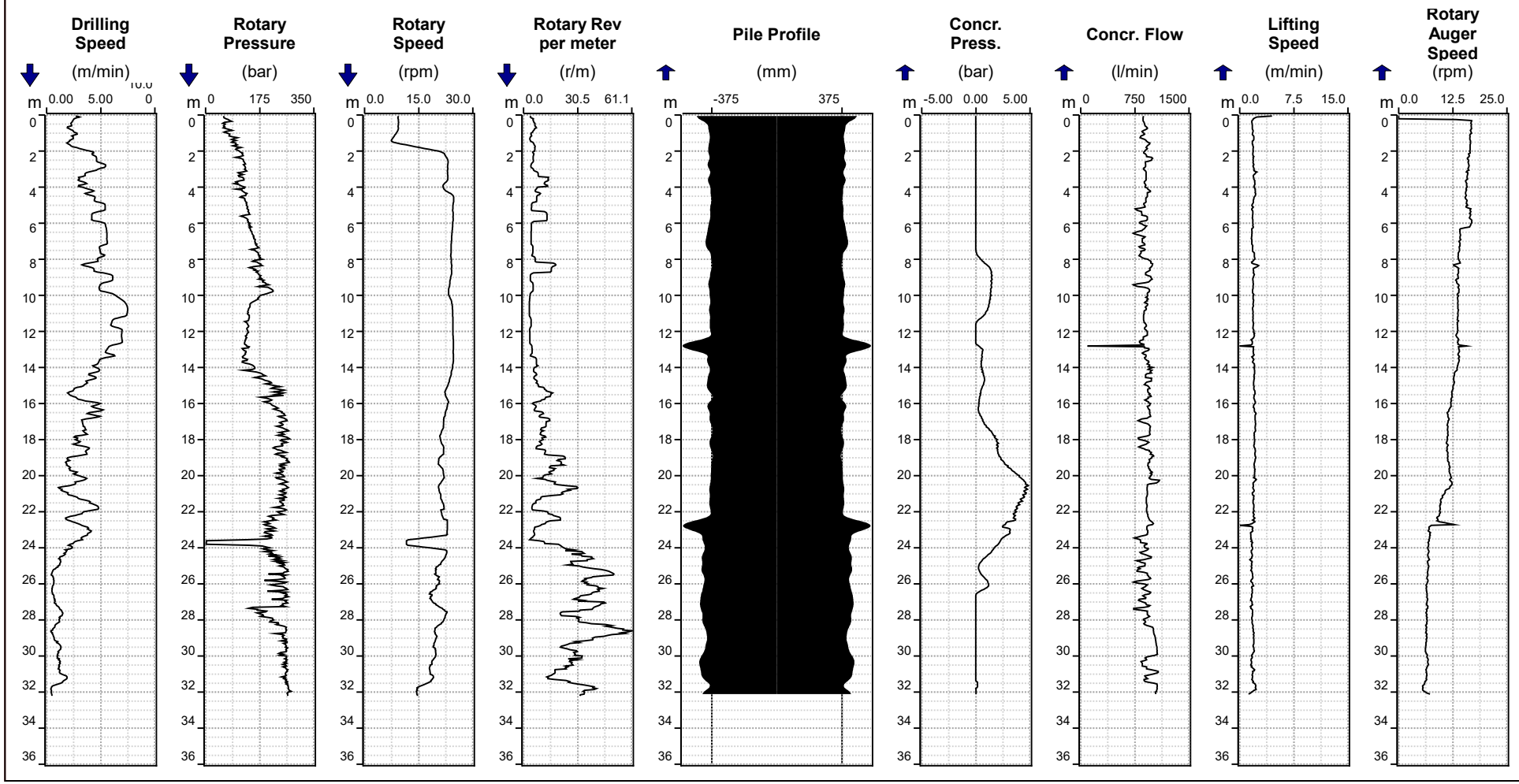
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:40 23/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P337**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	24/04/2025	Start:	24/04/2025
Time:	13:35:04	Time:	13:57:30
End:	24/04/2025	End:	24/04/2025
Time:	13:56:33	Time:	14:18:50
Design Depth	32.20 m	Concreting Start Depth:	32.13 m
Depth Reached	32.23 m	Total Concrete Volume:	16.56 m³
		Overbreak	16 %
		Total Pump Strokes:	537

Pile Diameter:	750.00 mm
Mast Tilt (X):	0.08 °
Mast Tilt (Y):	-0.23 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:45
Weather	Raining	**Drilling - Finish Time**	12:51
Rig	4928 - Soilmec SR95	**Date Constructed**	23/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P338	0.065	**-27.900**	2.765	T5C	T8 x 1No D47	C32/40	DC-4	30.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	Y
Was there a concrete blockage observed or recorded during construction? (Y/N)	Y
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539996.332	180185.486
As-built	539996.301	180185.526
Difference	-0.031	0.040
Vector (m)	0.051	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P338	750	**-28.040**	2.794	T5C	1 x 15m 1No D47	C32/40	DC-4	30.940

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	107
Average Revolutions/m Penetration	3.5

Concreting	
As-Built Volume (m^3)	16.66
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	21%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?
Blocked in lead auger on first attempt to concrete.

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	23/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079434	SR95-1	C32/40	8	07:47	07:56	07:59	08:55	170	4	P145
32079433	SR75-1	C32/40	8	07:45	07:56	08:09	08:16			P559
32079435	SR75-1	C32/40	8	07:50	08:08	08:17	08:45			P556,P559
32079436	SR75-1	C32/40	8	08:01	08:09	08:47	08:54			P609,P556
32079437	SR95-1	C32/40	8	08:03	08:15	08:58	09:15			P212,P145
32079443	SR75-1	C32/40	8	08:58	09:08	09:14	09:26	180	4	P609
32079444	SR75-1	C32/40	8	08:59	09:11	09:44	10:01			P553,P609
32079445	SR95-1	C32/40	8	09:00	09:17	09:47	10:20			P212
32079449	SR75-1	C32/40	8	09:28	09:41	10:01	10:12			P553,P550
32079451	SR75-1	C32/40	8	09:40	09:53	10:25	12:28			P550,P546
32079452	SR95-1	C32/40	8	09:45	09:57	10:26	11:52			P338,P212
32079456	SR75-1	C32/40	8	10:33	10:50	12:35	12:59			P546
32079474	SR95-1	C32/40	8	12:46	13:01	13:03	13:16	170	4	P338
32079475	SR75-1	C32/40	8	12:54	13:05	13:17	13:43			P546
32079479	SR95-1	C32/40	8	13:22	13:32	13:35	13:52			P691,P338
32079485	SR95-1	C32/40	8	14:08	14:19	14:23	14:38			P691
32079486	SR75-1	C32/40	8	14:10	14:24	15:01	15:19			P223
32079491	SR95-1	C32/40	8	14:57	15:08	15:12	15:30			P209,P691
32079492	SR75-1	C32/40	8	15:02	15:14	15:31	15:42			P223
32079496	SR95-1	C32/40	8	15:27	15:45	15:48	16:00			P209
32079498	SR95-1	C32/40	8	14:47	15:59	16:26	16:27			P310,P209
32079500	SR95-1	C32/40	8	16:01	16:13	16:27	16:43			P310
32079501	SR75-1	C32/40	8	16:07	16:17	16:27	16:42			P223
32079503	SR95-1	C32/40	2.5	16:38	16:44	16:47	16:56			P310
Totals:			**186.5 m3**					**$\bar{X}$ = 173**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	186.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	23/04/2025

Cage Reference:	Type T5C

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

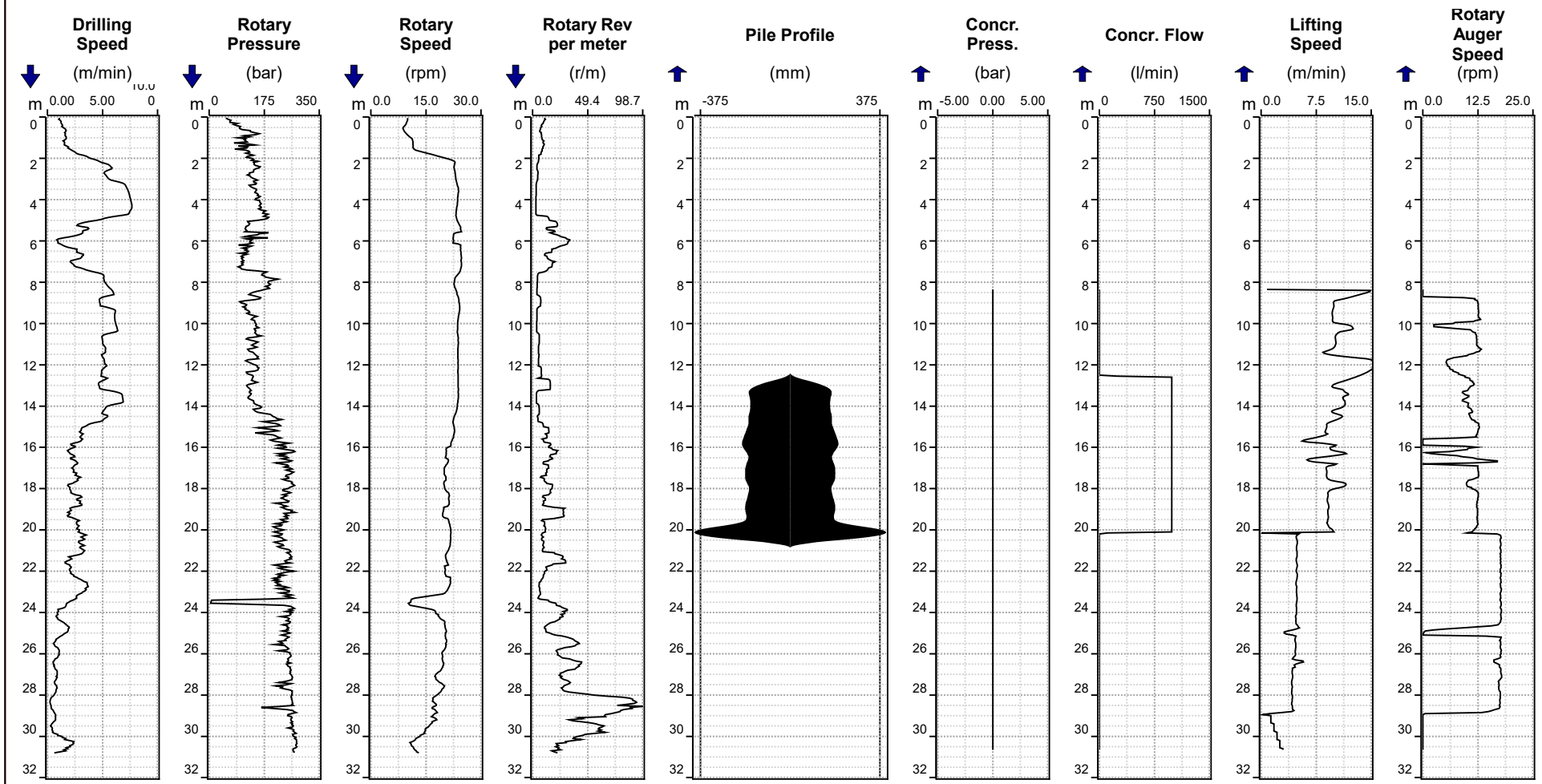
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:40 23/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P338**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	23/04/2025	Start:	23/04/2025
Time:	10:16:36	Time:	11:13:38
End:	23/04/2025	End:	23/04/2025
Time:	10:45:35	Time:	11:19:09
Design Depth	30.80 m	Concreting Start Depth:	30.68 m
Depth Reached	30.81 m	Total Concrete Volume:	1.02 m³
		Total Pump Strokes:	33

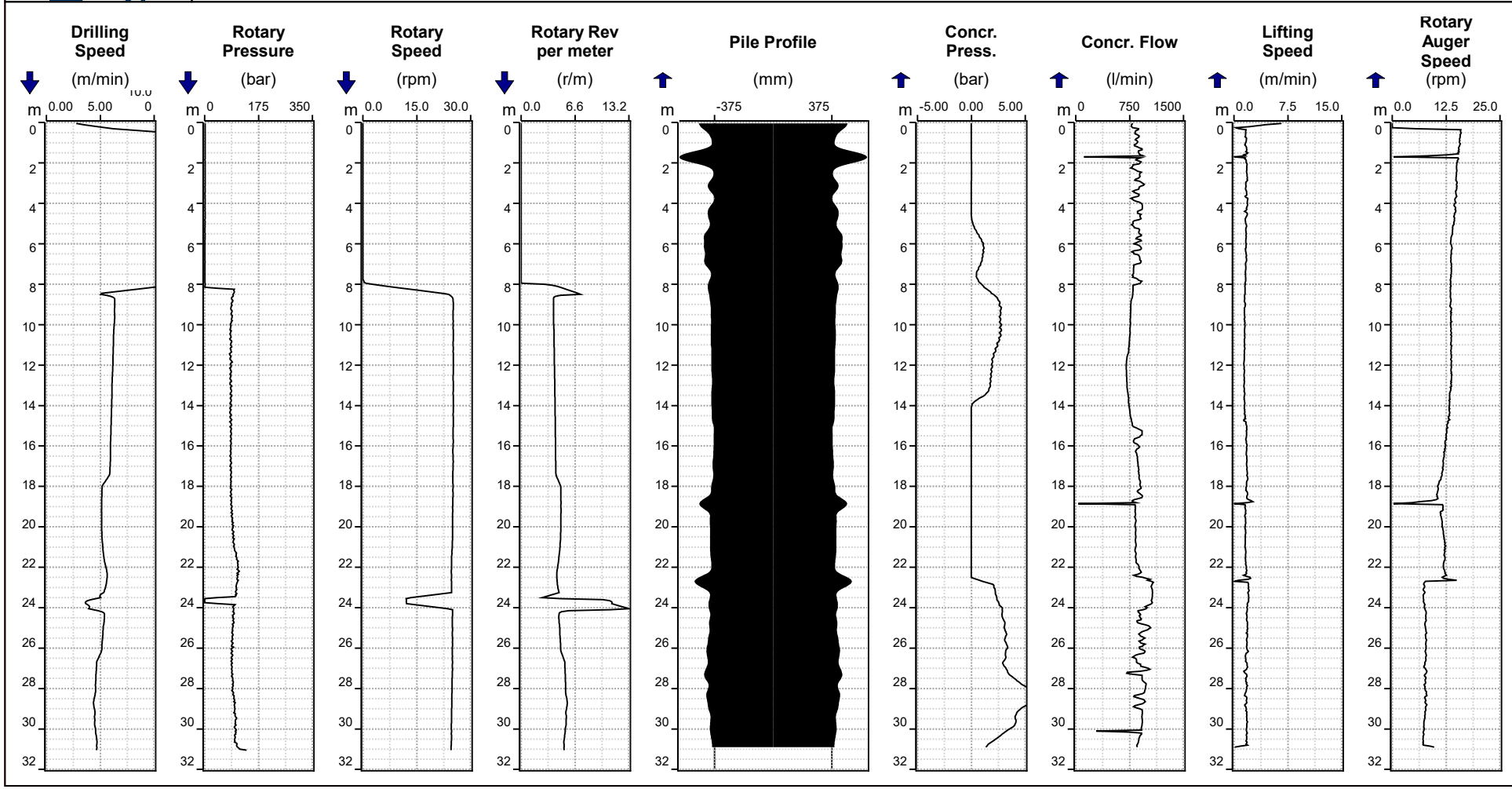
Pile Diameter:	750.00 mm
Mast Tilt (X):	0.02 °
Mast Tilt (Y):	0.07 °



Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P338R**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	23/04/2025	Start:	23/04/2025
Time:	12:45:53	Time:	12:52:01
End:	23/04/2025	End:	23/04/2025
Time:	12:51:19	Time:	13:19:53
Design Depth	30.80 m	Concreting Start Depth:	30.94 m
Depth Reached	31.07 m	Total Concrete Volume:	16.66 m³
		Overbreak	21 %
		Total Pump Strokes:	541

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.05 °
Mast Tilt (Y):	-0.45 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:10
Weather	Sunny	**Drilling - Finish Time**	12:15
Rig	4928 - Soilmec SR95	**Date Constructed**	24/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**750**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P339	0.065	**-27.900**	2.765	T5C	T8 x 1No D47	C32/40	DC-4	30.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	Y
Was there a concrete blockage observed or recorded during construction? (Y/N)	Y
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	2.835	2.835

Pile Position	**Eastings**	**Northings**
Design	539997.848	180183.252
As-built	539997.856	180183.239
Difference	0.008	-0.013
Vector (m)	0.015	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P339	750	**-27.970**	2.858	T5C	1 x 15m 1No D47	C32/40	DC-4	30.870

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	111
Average Revolutions/m Penetration	3.6

Concreting	
As-Built Volume (m^3)	15.27
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	12%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?
Blocked in lead auger on first attempt to concrete.

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	24/04/2025
Air Temperature during Concreting	10°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079506	SR75-1	C32/40	8	07:39	07:49	07:59	08:09			P549
32079507	SR95-1	C32/40	8	07:42	07:56	08:08	08:17			P358
32079509	SR75-1	C32/40	8	07:57	08:05	08:11	08:42			P549,P481
32079513	SR75-1	C32/40	8	08:16	08:30	08:41	08:54			P476,P481
32079511	SR95-1	C32/40	8	08:07	08:19	08:42	08:55			P358
32079514	SR95-1	C32/40	8	08:22	08:35	08:58	09:21			P308,P358
32079516	SR75-1	C32/40	8	09:01	09:10	09:15	09:26	180	4	P476
32079517	SR95-1	C32/40	8	09:03	09:15	09:23	09:38			P308,P040
32079518	SR75-1	C32/40	8	09:04	09:24	09:28	09:44			P601
32079522	SR95-1	C32/40	8	09:30	09:44	10:12	10:23			P040
32079524	SR75-1	C32/40	8	09:39	09:56	10:13	10:25			P601,P456
32079525	SR95-1	C32/40	8	09:46	09:57	10:28	10:42			P301,P040
32079528	SR75-1	C32/40	8	10:01	10:11	10:29	11:03			P456,P216
32079532	SR95-1	C32/40	8	10:16	10:34	10:43	11:06	180	4	P301
32079534	SR75-1	C32/40	8	10:32	10:44	11:03	11:30			P213,P216
32079537	SR95-1	C32/40	8	11:04	11:18	11:34	11:47			P339,P301
32079539	SR75-1	C32/40	8	11:17	11:28	11:41	11:50			P213
32079543	SR95-1	C32/40	8	11:44	11:57	12:02	12:14			P339
32079546	SR75-1	C32/40	8	12:02	12:18	12:18	12:29	180	4	P228
32079549	SR95-1	C32/40	8	12:20	12:33	12:34	13:02			P339,P337
32079550	SR75-1	C32/40	8	12:24	12:38	13:03	13:12			P231,P228
32079558	SR95-1	C32/40	8	13:16	13:26	13:29	13:41			P337
32079560	SR75-1	C32/40	8	13:23	13:41	13:45	13:59			P225,P231
32079564	SR95-1	C32/40	8	13:45	14:02	14:10	14:21			P337,P466
32079566	SR75-1	C32/40	8	13:58	14:13	14:23	14:32			P225
32079570	SR75-1	C32/40	8	14:25	14:33	14:38	15:25			P222,P225
32079572	SR95-1	C32/40	8	14:37	14:51	14:52	15:04	180	4	P466
32079577	SR75-1	C32/40	8	15:09	15:28	15:32	15:43			P219,P222
32079578	SR95-1	C32/40	8	15:27	15:36	15:45	15:54			P460,P466
32079581	SR75-1	C32/40	8	15:49	15:59	16:05	16:15			P219
32079585	SR95-1	C32/40	8	16:07	16:15	16:23	16:37			P460
32079856	SR75-1	C32/40	8	16:10	16:20	16:24	16:39			P219
32079588	SR95-1	C32/40	8	16:41	16:54	16:54	17:09			P460
Totals:			**264 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	264

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	24/04/2025

Cage Reference:	Type T5C

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

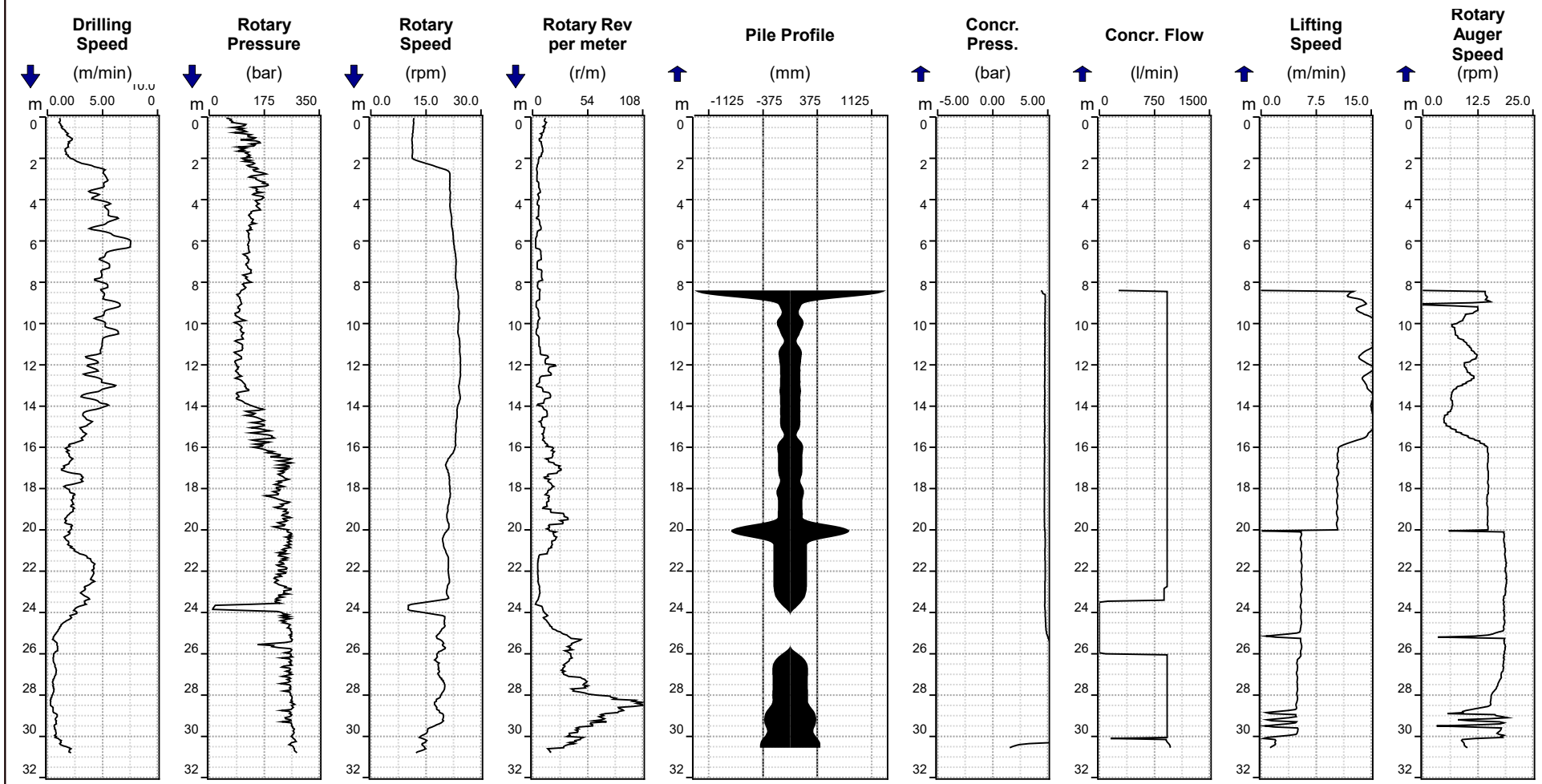
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:40 23/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P339**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	24/04/2025	Start:	24/04/2025
Time:	11:26:00	Time:	11:53:34
End:	24/04/2025	End:	24/04/2025
Time:	11:52:28	Time:	12:09:28
Design Depth	30.80 m	Concreting Start Depth:	30.57 m
Depth Reached	30.83 m	Total Concrete Volume:	7.05 m³
		Total Pump Strokes:	228

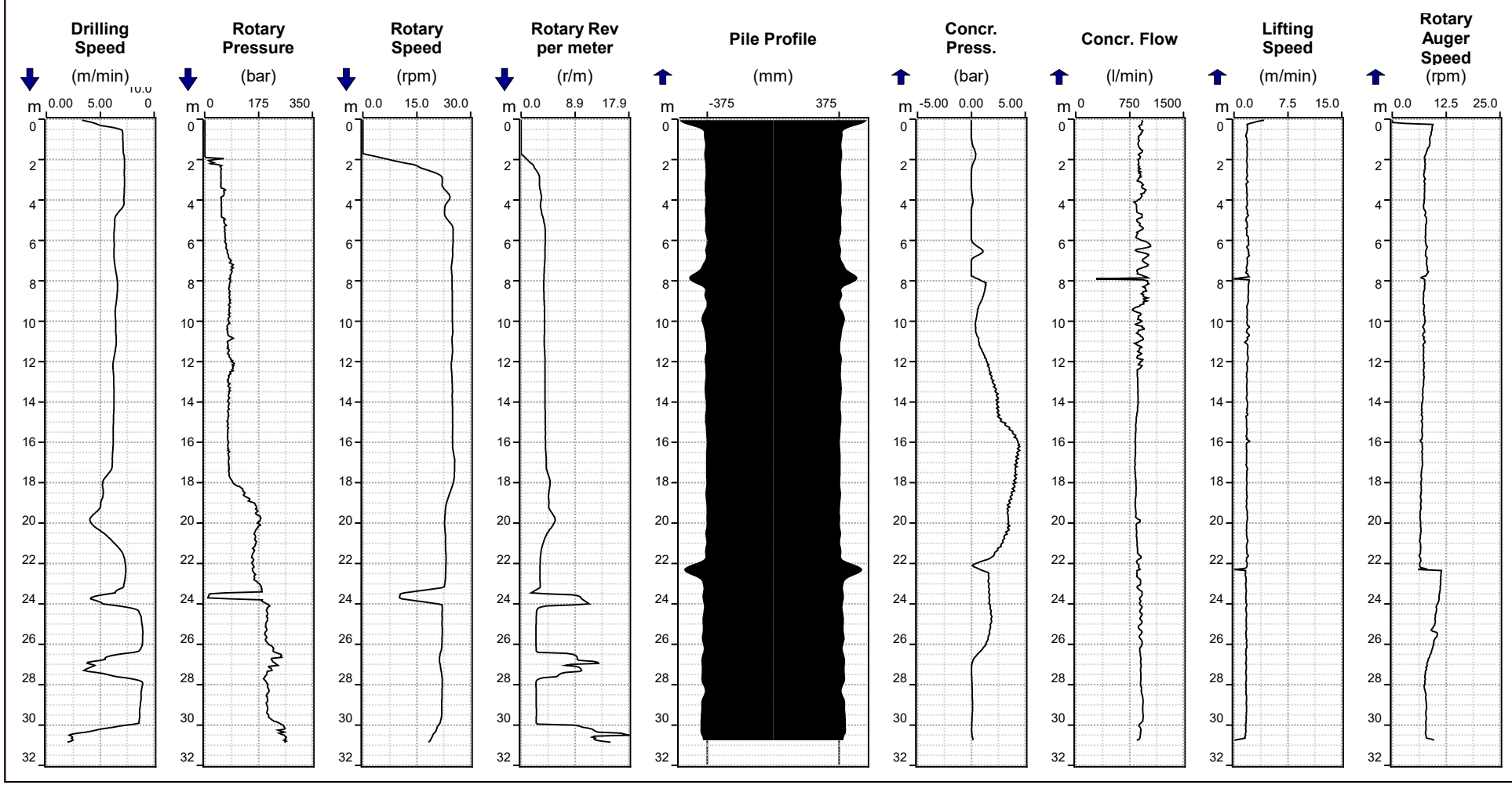
Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.05 °
Mast Tilt (Y):	-0.40 °



Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P339r**	**Serial Number:**	**SR95-M4928**

Drilling Phase		**Concreting Phase**	
Start:	24/04/2025	Start:	24/04/2025
Time:	12:10:22	Time:	12:16:32
End:	24/04/2025	End:	24/04/2025
Time:	12:15:57	Time:	12:35:25
Design Depth	30.80 m	Concreting Start Depth:	30.77 m
Depth Reached	30.87 m	Total Concrete Volume:	15.27 m³
		Overbreak	12 %
		Total Pump Strokes:	497

Pile Diameter:	750.00 mm
Mast Tilt (X):	-0.02 °
Mast Tilt (Y):	-0.24 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:27
Weather	Sunny	**Drilling - Finish Time**	09:36
Rig	5422 - Soilmec SR75	**Date Constructed**	30/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P340	2.240	**-20.800**	2.790	P5E	x	C32/40	DC-4	23.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540003.257	180183.903
As-built	540003.257	180183.917
Difference	0.000	0.014
Vector (m)	0.014	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P340	600	**-20.820**	2.839	P5E	x	C32/40	DC-4	23.720

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	151
Average Revolutions/m Penetration	6.4

Concreting	
As-Built Volume (m^3)	7.88
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	18%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	30/04/2025
Air Temperature during Concreting	23°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079853	SR75-1	C32/40	8	07:47	07:57	08:24	09:02	180	4	P451
32079858	SR75-1	C32/40	8	08:52	09:12	09:13	09:23			P451,P340
32079860	SR75-1	C32/40	8	09:04	09:12	09:31	10:14			P334,P340
32079868	SR75-1	C32/40	8	10:29	10:41	10:58	11:37			P275,P334
32079877	SR75-1	C32/40	8	11:40	11:54	11:59	12:11			P332,P275
32079881	SR75-1	C32/40	8	12:32	12:55	13:00	14:00	180	4	P271,P332
32079887	SR75-1	C32/40	8	13:26	13:43	14:02	14:50			P271,P458
32079888	SR75-1	C32/40	8	13:32	13:48	14:51	15:19			P458,P455
32079899	SR75-1	C32/40	8	14:58	15:09	15:22	15:34	190	4	P455,P445
32079901	SR75-1	C32/40	8	15:11	15:28	15:41	15:59			P269,P445
32079869	SR95-1	C32/40	8	10:35	10:47	10:49	11:27			P152
32079872	SR95-1	C32/40	8	10:44	11:05	11:30	11:39			P152,P208
32079878	SR95-1	C32/40	8	11:42	12:00	12:35	12:46			P208
Totals:			**104 m3**					**$\bar{X}$ = 183**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	104

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	30/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

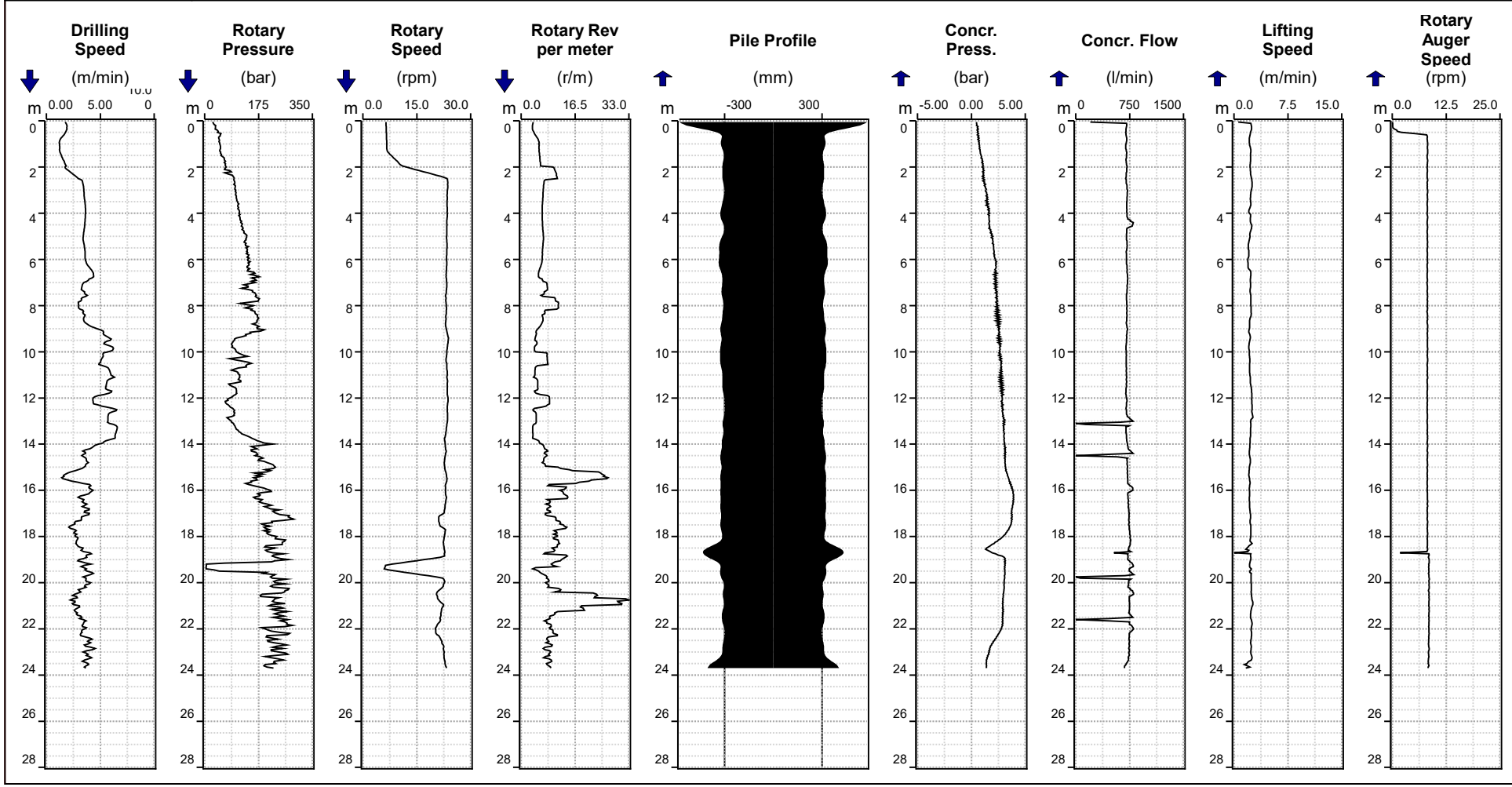
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:32 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**p340**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	30/04/2025	Start:	30/04/2025
Time:	09:27:59	Time:	09:37:39
End:	30/04/2025	End:	30/04/2025
Time:	09:36:28	Time:	09:49:21
Design Depth	23.70 m	Concreting Start Depth:	23.72 m
Depth Reached	23.72 m	Total Concrete Volume:	7.88 m³
		Overbreak	18 %
		Total Pump Strokes:	256

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.03 °
Mast Tilt (Y):	-0.10 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:50
Weather	Cloudy	**Drilling - Finish Time**	13:58
Rig	5422 - Soilmec SR75	**Date Constructed**	25/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P341	2.240	**-20.800**	2.790		P5E	x	C32/40	DC-4	23.700

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540001.768	180182.892
As-built	540001.737	180182.894
Difference	-0.031	0.002
Vector (m)	0.031	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P341	600	**-20.860**	2.933	P5E	x	C32/40	DC-4	23.760

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	170
Average Revolutions/m Penetration	7.2

Concreting	
As-Built Volume (m^3)	8.04
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	20%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	25/04/2025
Air Temperature during Concreting	13°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32079594	SR75-1	C32/40	8	07:37	07:48	08:04	08:13			P232
32079595	SR95-1	C32/40	8	07:40	07:55	08:04	08:15	190	4	P474
32079596	SR75-1	C32/40	8	07:48	08:01	08:20	08:52			P232,P229
32079597	SR75-1	C32/40	8	07:49	08:03	08:56	09:05			P226,P229
32079605	SR95-1	C32/40	8	09:05	09:18	09:21	09:33			P468,P474
32079606	SR75-1	C32/40	8	09:15	09:24	09:50	10:05	180	4	P226
32079616	SR75-1	C32/40	8	10:30	10:48	10:48	11:11			P224,P226
32079617	SR95-1	C32/40	8	10:31	10:48	11:04	11:18			P468
32079619	SR75-1	C32/40	8	10:41	10:53	11:13	11:23			P224,P221
32079621	SR75-1	C32/40	8	10:52	11:08	11:30	11:32			P218,P221
32079627	SR95-1	C32/40	8	11:36	11:46	11:56	12:09			P442,P468
32079628	SR75-1	C32/40	8	11:36	11:55	12:08	12:20			P341,P218
32079630	SR95-1	C32/40	8	11:41	12:00	12:09	12:20	170	4	P442
32079631	SR95-1	C32/40	8	11:49	12:06	12:53	13:09			P442,P336
32079639	SR75-1	C32/40	8	12:40	12:56	12:59	13:11			P341,P276
32079640	SR95-1	C32/40	8	12:45	13:03	13:11	13:21	180	4	P336
32079648	SR95-1	C32/40	8	13:23	13:33	13:37	14:00			P463,P336
32079449	SR75-1	C32/40	8	13:25	13:45	14:00	14:12			P276,P333
32079655	SR95-1	C32/40	8	13:56	14:07	14:12	14:25			P463
32079656	SR75-1	C32/40	8	14:00	14:12	14:45	14:55			P333
32079658	SR95-1	C32/40	8	14:12	14:21	14:48	14:58			P463
32079661	SR75-1	C32/40	8	14:17	14:29	15:07	15:19			P270,P333
32079672	SR75-1	C32/40	8	15:10	15:24	15:27	15:53			P270
32079677	SR95-1	C32/40	3.5	15:33	15:44	15:55	16:02			P463
Totals:			**187.5 m3**					**$\bar{X}$ = 180**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	187.5

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	25/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

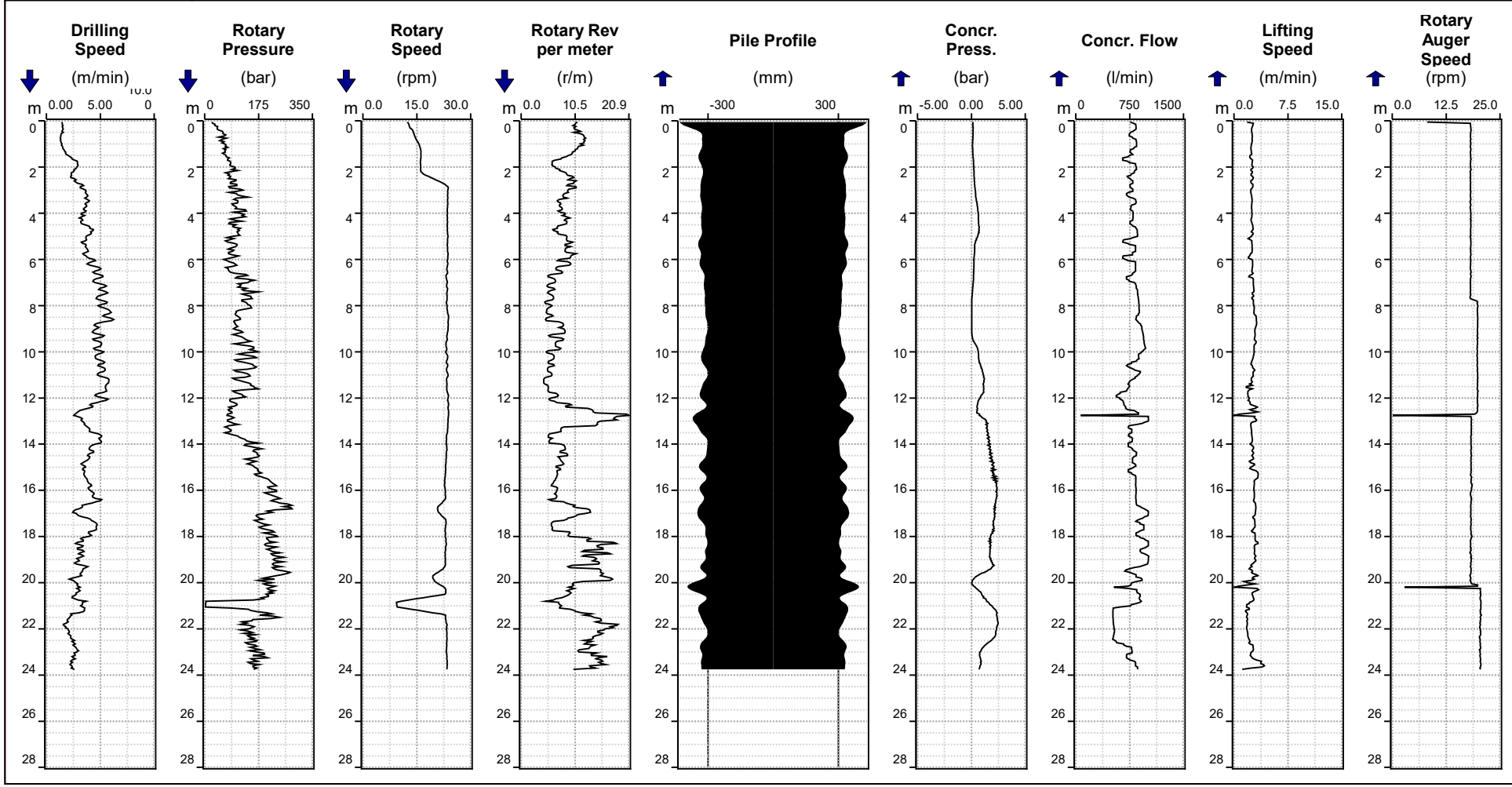
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	09:32 10/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P341**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	25/04/2025	Start:	25/04/2025
Time:	13:50:12	Time:	14:00:31
End:	25/04/2025	End:	25/04/2025
Time:	13:58:54	Time:	14:17:07
Design Depth	23.70 m	Concreting Start Depth:	23.76 m
Depth Reached	23.76 m	Total Concrete Volume:	8.04 m³
		Overbreak	20 %
		Total Pump Strokes:	261

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.06 °
Mast Tilt (Y):	-0.03 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	09:10
Weather	Cloudy	**Drilling - Finish Time**	09:21
Rig	5422 - Soilmec SR75	**Date Constructed**	09/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P346	2.240	**-21.900**	2.790	P5E	x	C32/40	DC-4	24.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540011.318	180170.429
As-built	540011.327	180170.387
Difference	0.009	-0.042
Vector (m)	0.043	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P346	600	**-21.920**	2.816	P5E	x	C32/40	DC-4	24.820

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	537
Average Revolutions/m Penetration	21.6

Concreting	
As-Built Volume (m^3)	8.23
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	17%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	09/04/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078763	SR75-1	C32/40	8	08:09	08:19	08:24	08:37			P346
32078764	SR75-1	C32/40	8	08:15	08:25	08:43	09:08			P346,P283
32078765	SR95-1	C32/40	8	08:20	08:32	08:52	09:05	180	4	P175
32078769	SR75-1	C32/40	8	08:49	09:06	09:14	09:48	160	4	P388,P283
32078768	SR95-1	C32/40	8	08:48	08:59	09:22	09:30			P234,P175
32078772	SR95-1	C32/40	8	09:05	09:21	09:36	10:42			P234,P163
32078773	SR75-1	C32/40	8	09:13	09:26	09:58	10:24			P388,P385
32078782	SR95-1	C32/40	8	10:33	10:43	10:47	11:13			P163
32078783	SR75-1	C32/40	8	10:37	10:48	10:52	11:07			P382,P385
32078787	SR75-1	C32/40	8	11:05	11:14	11:24	11:40			P382
32078785	SR95-1	C32/40	8	10:47	11:03	11:42	11:50			P166
32078793	SR95-1	C32/40	8	11:39	11:50	11:58	12:16			P166,P169
32078794	SR75-1	C32/40	8	11:41	11:56	12:08	12:24			P505
32078799	SR95-1	C32/40	8	12:08	12:22	13:02	13:16	160	4	P172,P169
32078800	SR75-1	C32/40	8	12:12	12:28	13:18	13:45			P571,P505
32078812	SR95-1	C32/40	8	13:22	13:31	13:36	13:57			P242,P172
32078814	SR75-1	C32/40	8	13:30	13:41	14:02	14:10			P409,P571
32078818	SR95-1	C32/40	8	13:50	14:04	14:15	14:31			P242
32078826	SR95-1	C32/40	8	14:40	14:51	14:54	15:15			P183
32078829	SR75-1	C32/40	8	14:57	15:08	15:10	15:34			P404,P409
32078831	SR95-1	C32/40	8	15:08	15:20	15:35	15:50			P186,P183
32078836	SR75-1	C32/40	8	15:28	15:45	15:50	16:02			P354,P404
32078838	SR95-1	C32/40	8	15:45	15:56	15:58	16:08			P186,P189
32078839	SR95-1	C32/40	8	15:51	16:02	16:10	16:39			P189
32078841	SR75-1	C32/40	8	15:51	16:02	16:10	16:39			P354
Totals:			**200 m3**					**$\bar{X}$ = 167**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	192

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	09/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

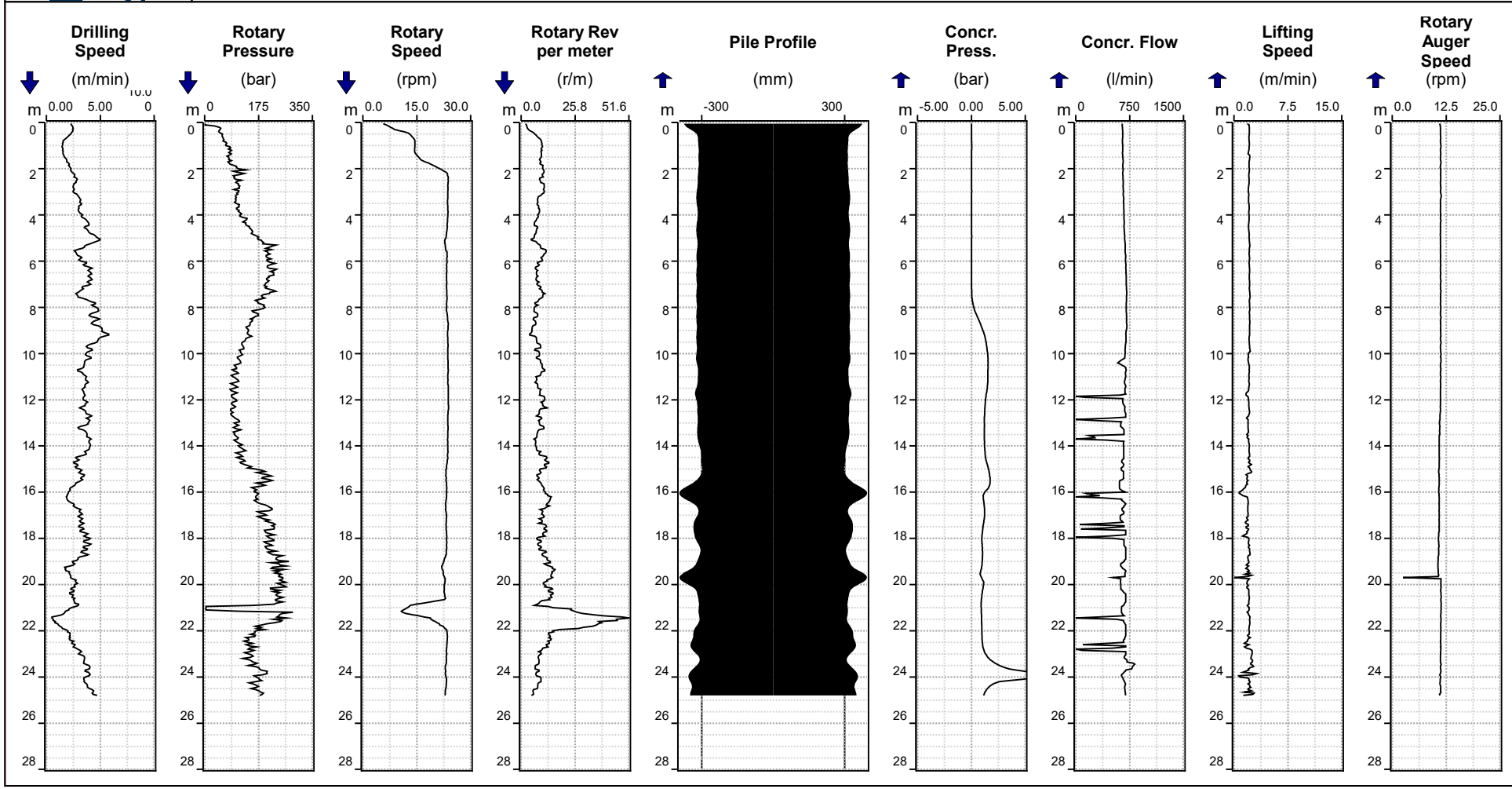
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	11:41 08/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P346**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	09/04/2025	Start:	09/04/2025
Time:	09:10:58	Time:	09:22:26
End:	09/04/2025	End:	09/04/2025
Time:	09:21:22	Time:	09:35:56
Design Depth	24.80 m	Concreting Start Depth:	24.82 m
Depth Reached	24.82 m	Total Concrete Volume:	8.23 m³
		Overbreak	17 %
		Total Pump Strokes:	366

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.03 °
Mast Tilt (Y):	0.03 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	12:50
Weather	Sunny	**Drilling - Finish Time**	13:01
Rig	5422 - Soilmec SR75	**Date Constructed**	08/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**		**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P347	2.240	**-21.900**	2.790		P5E	x	C32/40	DC-4	24.800

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540012.581	180168.568
As-built	540012.572	180168.589
Difference	-0.009	0.021
Vector (m)	0.023	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P347	600	**-21.930**	2.773	P5E	x	C32/40	DC-4	24.830

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	199
Average Revolutions/m Penetration	8.0

Concreting	
As-Built Volume (m^3)	7.9
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	13%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?

Comments: Concrete supply issues / delays associated with pile construction

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	08/04/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078658	SR95-1	C32/40	8	07:37	07:47	07:58	08:12	160	4	P176
32078659	SR95-1	C32/40	8	07:41	07:52	08:27	08:42			P176,P235
32078660	SR95-1	C32/40	8	07:48	07:58	08:44	09:00			P240,P235
32078661	SR95-1	C32/40	8	07:51	08:01	09:09	09:23			P243,P240
32078667	SR95-1	C32/40	8	09:18	09:29	09:39	10:01			P243
32078675	SR95-1	C32/40	8	09:57	10:10	10:11	10:22			P185,P243
32078668	SR75-1	C32/40	8	09:24	09:36	10:14	10:29	150	4	P282
32078676	SR95-1	C32/40	8	10:01	10:13	10:27	10:49			P185,P188
32078678	SR75-1	C32/40	8	10:07	10:25	10:50	11:12			P284,P282
32078681	SR95-1	C32/40	8	10:26	10:40	10:57	11:16			P188,P108
32078687	SR75-1	C32/40	8	10:57	11:12	11:19	11:28			P284,P286
32078690	SR75-1	C32/40	8	11:10	11:27	11:29	11:44			P286,P288
32078688	SR95-1	C32/40	8	11:02	11:17	11:42	11:53	170	4	P108
32078695	SR75-1	C32/40	8	11:35	11:41	11:49	11:59			P290,P288
32078693	SR95-1	C32/40	8	11:26	11:46	11:53	12:20			P191,P108
32078700	SR75-1	C32/40	8	12:03	12:15	12:17	12:27			P347,P290
32078702	SR95-1	C32/40	8	12:10	12:23	12:34	12:45			P117,P191
32078705	SR75-1	C32/40	8	12:23	12:37	12:46	13:12			P349,P347
32078718	SR95-1	C32/40	8	13:24	13:37	13:40	13:52			P117,P192
32078719	SR75-1	C32/40	8	13:28	13:42	13:47	14:04			P351,P349
32078723	SR75-1	C32/40	8	13:51	14:06	14:12	14:21			P353,P351
32078728	SR95-1	C32/40	8	14:14	14:28	14:33	14:43			P192
32078735	SR95-1	C32/40	8	14:48	15:05	15:05	15:14			P192,P500
32078737	SR75-1	C32/40	8	14:59	15:11	15:14	15:23			P353
32078740	SR95-1	C32/40	8	15:13	15:27	15:32	15:44			P500
32078742	SR75-1	C32/40	8	15:20	15:33	15:36	16:07			P396,P353
32078751	SR75-1	C32/40	8	16:00	16:17	16:17	16:24			P396,P355
32078759	SR75-1	C32/40	2	16:40	16:54	16:55	16:58			P355
Totals:			**218 m3**					**$\bar{X}$ = 160**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	218

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	08/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

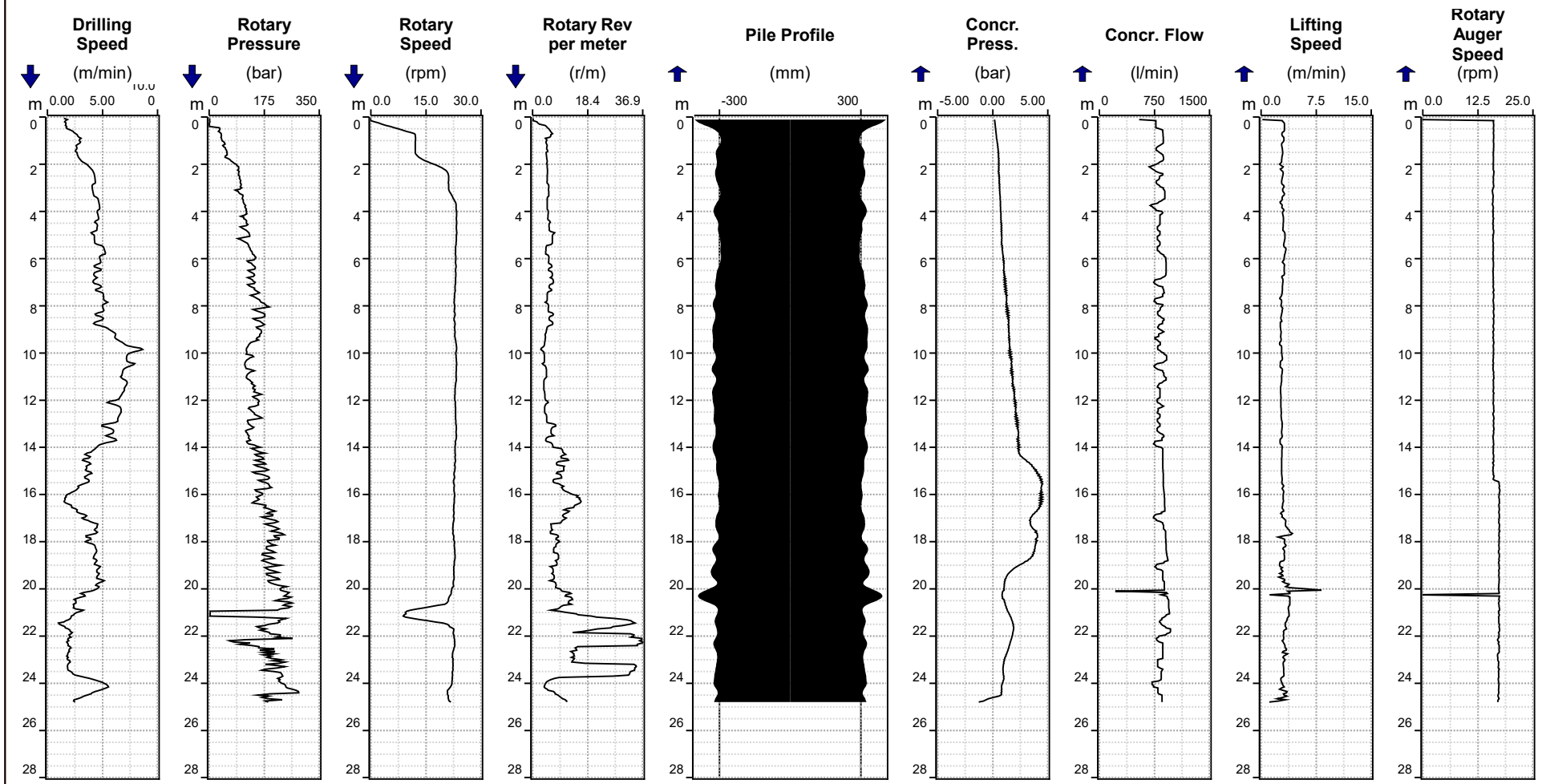
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	11:41 08/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P347**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	08/04/2025	Start:	08/04/2025
Time:	12:50:50	Time:	13:02:26
End:	08/04/2025	End:	08/04/2025
Time:	13:01:40	Time:	13:11:58
Design Depth	24.80 m	Concreting Start Depth:	24.83 m
Depth Reached	24.83 m	Total Concrete Volume:	7.90 m³
		Overbreak	13 %
		Total Pump Strokes:	257

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.14 °
Mast Tilt (Y):	-1.80 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	10:18
Weather	Sunny	**Drilling - Finish Time**	10:38
Rig	5422 - Soilmec SR75	**Date Constructed**	07/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:	**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P348	2.240	**-25.700**	2.790	P5E	x	C32/40	DC-4	28.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540014.463	180165.796
As-built	540014.430	180165.767
Difference	-0.033	-0.029
Vector (m)	0.044	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P348	600	**-25.760**	2.778	P5E	x	C32/40	DC-4	28.660

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	410
Average Revolutions/m Penetration	14.3

Concreting	
As-Built Volume (m^3)	9.48
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	17%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	07/04/2025
Air Temperature during Concreting	6°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078589	SR75-1	C32/40	8	07:41	07:56	08:02	08:14	160	4	P074
32078588	SR95-1	C32/40	8	07:40	07:49	08:03	08:14			P399
32078590	SR95-1	C32/40	8	07:48	08:00	08:33	08:49			P399,P390
32078591	SR75-1	C32/40	8	07:54	08:08	08:36	08:52			P157,P074
32078592	SR95-1	C32/40	8	07:58	08:11	08:50	09:20			P390
32078597	SR75-1	C32/40	8	08:42	08:56	09:10	09:20			P157,P078
32078600	SR75-1	C32/40	8	08:59	09:14	09:23	09:37			P348,P078
32078598	SR95-1	C32/40	8	08:48	09:02	09:24	09:35	180	4	P392,P390
32078601	SR95-1	C32/40	8	09:04	09:16	09:56	10:10			P392,P402
32078603	SR75-1	C32/40	8	09:16	09:29	10:02	10:27			P348
32078606	SR75-1	C32/40	8	10:14	10:25	10:28	10:57			P350,P348
32078607	SR95-1	C32/40	8	10:15	10:30	10:48	11:05			P402
32078608	SR75-1	C32/40	8	10:23	10:36	10:59	11:21			P285,P350
32078611	SR95-1	C32/40	8	10:41	10:59	11:23	11:58			P184
32078609	SR75-1	C32/40	8	10:30	10:41	11:47	12:03			P285,P395
32078618	SR95-1	C32/40	8	12:08	12:20	12:20	12:39			P187,P184
32078619	SR95-1	C32/40	8	12:12	12:26	12:41	12:50			P187
32078620	SR75-1	C32/40	8	12:15	12:28	12:55	13:19			P395,P352
32078624	SR95-1	C32/40	8	13:01	13:11	13:20	13:33	180	4	P190,P187
32078625	SR75-1	C32/40	8	13:02	13:16	13:33	13:43			P289,P352
32078628	SR95-1	C32/40	8	13:15	13:26	13:53	14:06			P190,P193
32078635	SR75-1	C32/40	8	14:06	14:18	14:24	14:34			P289,P287
32078637	SR75-1	C32/40	8	14:14	14:27	14:36	15:03			P502,P241
32078636	SR75-1	C32/40	8	14:08	14:22	14:40	14:56	170	4	P287,P241
32078641	SR95-1	C32/40	8	14:31	14:34	15:10	15:21			P193,P109
32078644	SR95-1	C32/40	8	14:44	14:59	15:25	15:38			P109
32078649	SR75-1	C32/40	8	15:14	15:29	15:48	16:07			P502
32078654	SR75-1	C32/40	5	16:00	16:07	16:11	16:18			P502
Totals:			**221 m3**					**$\bar{X}$ = 173**	**16**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	221

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	07/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

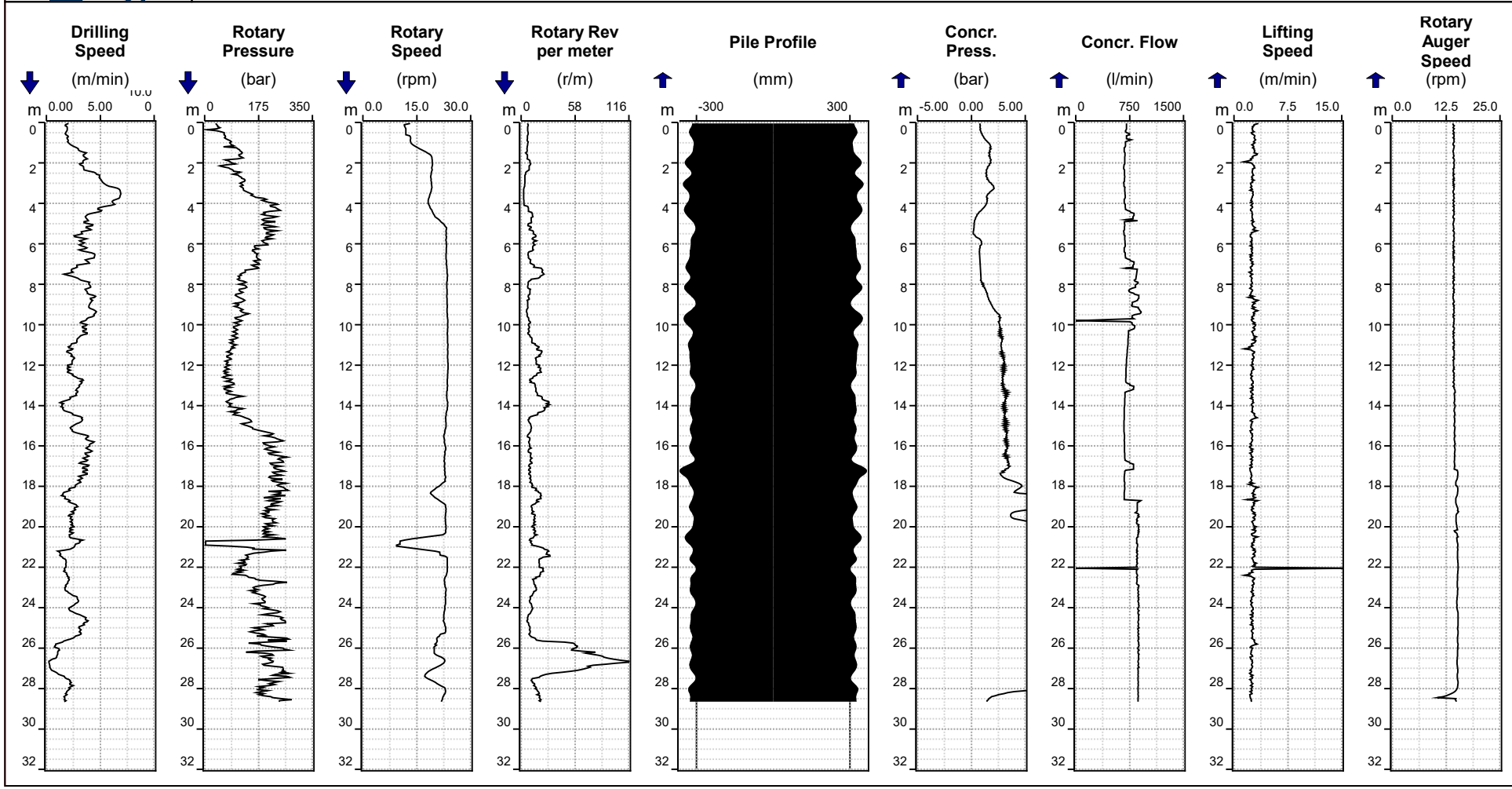
Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Noora Ali	08:46 26/03/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P348**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	07/04/2025	Start:	07/04/2025
Time:	10:18:42	Time:	10:39:54
End:	07/04/2025	End:	07/04/2025
Time:	10:38:32	Time:	10:59:36
Design Depth	28.60 m	Concreting Start Depth:	28.66 m
Depth Reached	28.66 m	Total Concrete Volume:	9.48 m³
		Overbreak	17 %
		Total Pump Strokes:	308

Pile Diameter:	600.00 mm
Mast Tilt (X):	-0.03 °
Mast Tilt (Y):	-0.18 °



Contract	Project Olympus	**Shift Start/End**	-
Contract Number	BE0046	**Drilling - Start Time**	13:14
Weather	Sunny	**Drilling - Finish Time**	13:36
Rig	5422 - Soilmec SR75	**Date Constructed**	08/04/2025
Engineer	Osama Kheraldin	**Completed by**	Osama Kheraldin

Scheduled Pile Details:		**Design Diameter (mm)**		**600**	**Pile Schedule Reference**	**LCY11-KTB-XX-XX-SH-C-00007**	**Pile Rev**	**01**	
Structure	**Pile Number**	**Cut Off Level (mOD)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**		**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P349	2.240	**-25.700**	2.790		P5E	x	C32/40	DC-4	28.600

As-Built Pile Details:

Full instrumentation working on pile commencement: (Y/N)	Y
Was Pile fully or patially re-bored for any reason (Y/N)	N
Was there a concrete blockage observed or recorded during construction? (Y/N)	N
Was Manual Monitoring Employed during Construction (Y/N)	N

	Scheduled as	**Actual**
Platform level (mOD)	2.900	2.900
PPL to PCOL	0.660	0.660

Pile Position	**Eastings**	**Northings**
Design	540015.727	180163.935
As-built	540015.770	180163.977
Difference	0.043	0.042
Vector (m)	0.060	

Structure	**Pile Number**	**Installed Diameter (mm)**	**Toe Level (mOD)**	**Top of Reinforcement (mOD)**	**Main Cage Type**	**Tension Bar Type & Quantity**	**Concrete Mix (Design)**	**DC Class**	**Bored Length from PPL (m)**
Bearing	P349	600	**-25.850**	2.797	P5E	x	C32/40	DC-4	28.750

Electronic Rig Log Review:

Drilling	
Total Number of Auger Revolutions	439
Average Revolutions/m Penetration	15.3

Concreting	
As-Built Volume (m^3)	9.59
Confirm positive auger ebedment throughout concreting (Y/N)	Y
Overbreak %	18%

Detailed Review Required?	**No**

Comments: Obstruction depth & description, Hard boring & time associated, delay time, cage re-inserted? Instrumentaion Failure?	**Comments: Concrete supply issues / delays associated with pile construction**

Sign Off

Site Supervisor	**Checked by Engineer for specification Compliance**	**Reviewed by Project Manger**	**Client**
Graham Smith	**Osama Kheraldin**	**Graham Smith**	

keltbray Piling

CFA Pour Record

Contract:	**Project Olympus**
Contract Number	**BE0046**
Date Constructed:	08/04/2025
Air Temperature during Concreting	12°C

Ticket Number	Rig Reference	Mix Type	Volume	Batch Time	Time on Site	Concrete pump from Agi start	Concrete Finish	Slump (mm)	Cubes Taken	Approximate Pile Number(s)
32078658	SR95-1	C32/40	8	07:37	07:47	07:58	08:12	160	4	P176
32078659	SR95-1	C32/40	8	07:41	07:52	08:27	08:42			P176,P235
32078660	SR95-1	C32/40	8	07:48	07:58	08:44	09:00			P240,P235
32078661	SR95-1	C32/40	8	07:51	08:01	09:09	09:23			P243,P240
32078667	SR95-1	C32/40	8	09:18	09:29	09:39	10:01			P243
32078675	SR95-1	C32/40	8	09:57	10:10	10:11	10:22			P185,P243
32078668	SR75-1	C32/40	8	09:24	09:36	10:14	10:29	150	4	P282
32078676	SR95-1	C32/40	8	10:01	10:13	10:27	10:49			P185,P188
32078678	SR75-1	C32/40	8	10:07	10:25	10:50	11:12			P284,P282
32078681	SR95-1	C32/40	8	10:26	10:40	10:57	11:16			P188,P108
32078687	SR75-1	C32/40	8	10:57	11:12	11:19	11:28			P284,P286
32078690	SR75-1	C32/40	8	11:10	11:27	11:29	11:44			P286,P288
32078688	SR95-1	C32/40	8	11:02	11:17	11:42	11:53	170	4	P108
32078695	SR75-1	C32/40	8	11:35	11:41	11:49	11:59			P290,P288
32078693	SR95-1	C32/40	8	11:26	11:46	11:53	12:20			P191,P108
32078700	SR75-1	C32/40	8	12:03	12:15	12:17	12:27			P347,P290
32078702	SR95-1	C32/40	8	12:10	12:23	12:34	12:45			P117,P191
32078705	SR75-1	C32/40	8	12:23	12:37	12:46	13:12			P349,P347
32078718	SR95-1	C32/40	8	13:24	13:37	13:40	13:52			P117,P192
32078719	SR75-1	C32/40	8	13:28	13:42	13:47	14:04			P351,P349
32078723	SR75-1	C32/40	8	13:51	14:06	14:12	14:21			P353,P351
32078728	SR95-1	C32/40	8	14:14	14:28	14:33	14:43			P192
32078735	SR95-1	C32/40	8	14:48	15:05	15:05	15:14			P192,P500
32078737	SR75-1	C32/40	8	14:59	15:11	15:14	15:23			P353
32078740	SR95-1	C32/40	8	15:13	15:27	15:32	15:44			P500
32078742	SR75-1	C32/40	8	15:20	15:33	15:36	16:07			P396,P353
32078751	SR75-1	C32/40	8	16:00	16:17	16:17	16:24			P396,P355
32078759	SR75-1	C32/40	2	16:40	16:54	16:55	16:58			P355
Totals:			**218 m3**					**$\bar{X}$ = 160**	**12**	

Concreting Comments: Rejected loads, slump failures, water added & quantity, balling, excessive time between loads?, rig/pump calibration?

Mix Name	Strength	DC-Class	MCC	Slump/Flow	Max W/C	Cummulative Daily Volume
C32/40	C32/40	DC-4	380	S4	0.35	218

keltbray Piling

CFA Pile Reinforcement Check Sheet

Contract:	Project Olympus	Pile Number	BE0046	Date Constructed	08/04/2025

Cage Reference:	Type P5E

Description	Check	Frequency	Acceptance Criteria	Pass/Fail
Condition of bars	Visual	Every bar	Bars are free from loose rust and mill scale	✓
Main Bars	Visual & tape	Every cage	Diameter, length, quantity, spacing all in accordance with drawing & schedule.	✓
Shear reinforcement and its spacing	Tape measure	Sample on every cage	In accordance with reinforcement drawing.	✓
Shear reinforcement cover	Visual	Every cage	"Tails" do not extend into cover zone	✓
Wire-ties - quantity	Visual	Every cage		✓
Wire-ties - cover	Visual	Every tie	All ties outside cover zone	✓
Spacers	Visual & tape	Every cage	Max Spacing: < 3m	✓
Pilecor/Horizontal couplers	Visual	Nominated piles	Securely fastened and correct location	N/A
Inclinometer tubes + Joints	Visual	Nominated piles	In accordance with details	N/A
Debonding Foam	Tape	Every cage	In accordance with details	✓
Overall Cage dimensions	Visual & tape	Every cage	In accordance with reinforcement drawings and specified tolerances	✓
Lifting Points	Visual & tape	Every cage	Correct length of weld as per design and points clearly identified	✓

Comments:

REINFORCEMENT CAGE CHECKED AND READY FOR LIFTING/INSTALLATION	CHECKED BY	DATE / TIME	REVIEWED BY	DATE / TIME
	Osama Kheraldin	11:41 08/04/2025	N/A	N/A

Site:	**OLYMPUS**	**Site Code:**	**BE0046**
Pile:	**P349**	**Serial Number:**	**SR75-M5422**

Drilling Phase		**Concreting Phase**	
Start:	08/04/2025	Start:	08/04/2025
Time:	13:14:08	Time:	13:37:35
End:	08/04/2025	End:	08/04/2025
Time:	13:36:15	Time:	13:48:05
Design Depth	28.60 m	Concreting Start Depth:	28.75 m
Depth Reached	28.75 m	Total Concrete Volume:	9.59 m³
		Overbreak	18 %
		Total Pump Strokes:	311

Pile Diameter:	600.00 mm
Mast Tilt (X):	0.29 °
Mast Tilt (Y):	-0.72 °