

Project Name 346 M		346 Macaulay Road, Loc	al Kensington BTR	Project No 0590									
TP Title CFA Piles		CFA Piles				ITP Scope Des	cription: CFA Rete	ention and Four	ndation Piles				
TP Number		590-FRN	M-130	Revision: 00									
Keller Engineering Review			Engineers Approval (if a	pplicable)	3rd Party Engineering Approval (if applicable)		Precast Yard Supe	rvisor					
Name:	ame: Xue Le				Name:		Name:						
-		Signature: Date:	NA	Signature: NA Date:		Signiture: NA							
Keller Approval			Client Approval (if applic	able)	3rd Party Approval (if applicable)		Date: Other						
Name:	Sophie Rex				Name:								
Signature: Date:	S.Rex 22-November-2022	S.Rex		NA	Signature: NA Date:								
				Con	nformance Criteria		Required Inspection						
No	Inspection / Test Point	Frequency	Responsibility	Controlling Document	Acceptance Criteria (Specification Requirement)	Keller	Client	3rd Party	Other	Record	Remarks		
1.0	APPROVALS AND OTHER PRELIMINARY REQU	JIREMENTS											
1.1	Procedure	Each	PM	KA-PRO-102 - CFA Piles	Client Approval	н				Correspondence			
1.2	Current IFC Drawings	All Site Areas	PM	KA-PRO-102 - CFA Piles	N/A	н				Drawing Register			
1.3	Underground Services Location Checklist	All Site Areas	PM	KA-PRO-102 - CFA Piles	Clear Services at Location	Н				KA-FRM-036 - Underground Services Location Checklist			
1.4	Working Platform Certification	All Site Areas	PM	KA-PRO-102 - CFA Piles	Satisfies min plant bearing pressure requirement	Н				KA-FRM-047 - Signed Working Platform Certificate			
1.5	Plant and equipment check	Pre-commence	Supervisor / Foreman	KA-PRO-102 - CFA Piles	Completed document	н				Plant Inspection Record Sheets			
2.0	MATERIAL RECEIVING / DOCUMENT INSPECTI	ON											
2.1	Concrete Testing	1 per 50m3 /grade/day	Pump Operator	KA-PRO-102 - CFA Piles	28 day strength matches design	w				KA-FRM-075 - CFA Concrete Record			
2.2	Concrete Grade and Workability	Each delivery	Pump Operator	KA-PRO-102 - CFA Piles	Docket records correct grade to match design/ schedule, flowability looks acceptable	н				KA-FRM-075 - CFA Concrete Record			
2.3	Steel Delivery Dockets	Each delivery	Supervisor / Foreman	KA-PRO-102 - CFA Piles	Docket records correct to steel design, fabrication checked as acceptable	н				KA-FRM-075 - CFA Concrete Record			
2.4													
2.5													
3.0	IN-PROCESS RECORDS												
3.1	Check auger position from pile offset pegs	Each	Supervisor / Foreman	KA-PRO-102 - CFA Piles	0-40mm	s				KA-FRM-076 - CFA Pile Record			
3.2	Prime pump line and note pump strokes	after priming pump	Pump Operator	KA-PRO-102 - CFA Piles	Note	н				KA-FRM-075 - CFA Concrete Record			
3.3	Pile Verticality	Each pile	Supervisor / Foreman	KA-PRO-102 - CFA Piles	1:50	s				KA-FRM-076 - CFA Pile Record			
3.4	Drill down 1.5 - 3.0m, re-check auger position from pile offset pegs	Each Pile	Supervisor / Foreman	KA-PRO-102 - CFA Piles	0-40mm	Н				KA-FRM-076 - CFA Pile Record			
3.5	Drill to depth record depth and socket length	Each Pile	Supervisor / Foreman	KA-PRO-102 - CFA Piles	Length and socket matches Design/Schedule	н				KA-FRM-076 - CFA Pile Record			
3.6	Drill to depth record depth and socket length	Each Pile	Rig Operator	KA-PRO-102 - CFA Piles	Length and socket matches Design/Schedule	Н				KA-FRM-093 - CFA Rig Operator Daily Record			
3.7	Measure Pump Strokes	Each Pile	Pump Operator	KA-PRO-102 - CFA Piles	pump strokes accords with thoertical volume	s				KA-FRM-075 - CFA Concrete Record			
3.8	Concrete Volumes	Each Pile	Pump Operator	KA-PRO-102 - CFA Piles	volumes nominally NOT less than 5% of theoretical	s				KA-FRM-075 - CFA Concrete Record			
3.9	Concrete Volumes	Each Pile	Rig Operator	KA-PRO-102 - CFA Piles	volumes nominally NOT less than 5% of theoretical	s				KA-FRM-093 - CFA Rig Operator Daily Record			
3.10	Concrete Volumes	Each Pile	Supervisor / Foreman	KA-PRO-102 - CFA Piles	volumes nominally NOT less than 5% of theoretical	S				KA-FRM-076 - CFA Pile Record			
3.11	Reinforcement cage	Each Pile	Supervisor / Foreman	KA-PRO-102 - CFA Piles	Cage and splice matches design/ Pile Schedule	Н				KA-FRM-076 - CFA Pile Record			
3.12	Pile As Built Data to submit to KF Project Engineer for review	twice weekly for latest completed piles	Project Engineer	KA-PRO-102 - CFA Piles	+/-75mm	R				Pile Schedule			
3.13	Completion of Daily Site Diary	Daily	Supervisor / Foreman	KA-PRO-102 - CFA Piles	Completed document	R				KA-FRM-053 - Daily Site Diary			
3.14	PDA Testing	Per specification	Project Engineer	KA-PRO-057 - High Strain Dynamic Pile Test PDA	Design load criteria met	R				KA-FRM-127 - Dynamic Load Test Field Data Sheet			
3.15	Integrity Testing	Per specification	Project Engineer	KA-PRO-102 - CFA Piles	Pile free of defects	R				Integrity Test Report			
1.0	CONCRETE AND FINISHING INSPECTION												
4.1													
4.2													



Project Name			346 Macaulay Road, Local Kensington BTR						Project No 0590						
ITP Title			CFA Piles						ITP Scope Description: CFA Retention and Foundation Piles						
ITP Number			590-FRM-130			Revision:	00								
Keller Engineering Review			Engineers Approval (if applicable)			3rd Party Engineering Approval (if applicable) Precast Ya			Precast Yard Sup	Yard Supervisor					
Name:	Xue Le			Name:		Name:	Name:								
Signature:	X.Le			Signature:	NA	Signature:	Signiture: NA								
Date:	22-November-2022			Date:	Date:			Date:							
Keller Approval				Client Approval (if applicable)			3rd Party Approval (if applicable) Other								
Name:	Name: Sophie Rex					Name:									
Signature:	S.Rex			Signature:	NA	Signature: NA									
Date:	22-November-2022														
	Inspection / Test Point				Co	onformance Criteria	Required Inspection								
No			Frequency Responsibility		Controlling Document	Acceptance Criteria (Specification Requirement)		Keller Client		3rd Party	Other	Record	Remarks		
4.3															
4.4															
4.4															
4.5															
5.0	COMPLETION AND HAN	DOVER													
5.1	Pile Records to client Progressivly			Project Engineer	KA-PRO-102 - CFA Piles Piles constructed to design			R				KA-FRM-076 - CFA Pile Record			
5.2															
5.3															
5.4															
5.5															
	NOMENCLATURE						REFERENCE CODES, SPECIFICATIONS, DOCUMENTS AND FORMS								
D	Dimension HR		Hold Point Review		MR Monitor Review	W Witness Point		Document No.		Title	Title				
DM	Dimension Monitor	М	Monitor		MW Monitor Witness	WR	Witness Review								
DW	Dimension Witness	MD	Monitor Dimension		R Review										
Н	Hold Point	MDR	Monitor Dimension Review S Suerveillance												

Ref: KA-FRM-130 | Rev01