

Practical Completion & Hand-Over Application Package 2020

Landscape Works

Application Details	
POS/Streetscape Name:	
Location:	
Applicant Opposite tier News	
Applicant Organisation Name:	
Client Organisation Name:	

Submit: 'Attention Manager Works' to admin@kwinana.wa.gov.au or PO Box 21, Kwinana WA 6966

Document Control

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1	20/11/12	Initial Document	TM	DB	DB
2	20/5/13	Conversion to PDF form & minor updates	TM	DB	DB
3	26/11/20	Updates	DE	CK	NS

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Introduction

This Practical Completion & Hand-Over Application Package outlines the process and requirements for the transfer of landscape assets to the City of Kwinana.

All assets are to be designed, supplied, installed and maintained as per the City of Kwinana Landscape Development Guidelines 2020.

Handover Process

Design Approval



Construction Works & Works Inspections



Practical Completion Application (Step 1)



Practical Completion Site Inspection (Step 2)



Defect Rectification



City Acceptance of Practical Completion (Step 3)



Developer Maintenance Period & Maintenance Inspections (Step 4)



Handover Application (Step 5)



Handover Site Inspection (Step 6)



Defect Rectification



City Acceptance of Handover (Step 7)

Application Checklist

Landsca	Landscape Asset Practical Completion and Handover Process Checklist				
Design					
	Designed as per City of Kwinana Landscape Development Guidelines 2020				
	Design approval issued by City of Kwinana				
Construction					
	All plant, equipment & materials supplied & installed as per approved design and in accordance with the City of Kwinana Landscape Development Guidelines 2020				
	Irrigation pipe-work backfill inspection undertaken & approved by City of Kwinana Representative				
Step 1 - I	Practical Completion Application				
	Completed Practical Completion Application Package and quantity data supplied				
	Schedule of costs for POS furniture, play equipment				
	As constructed irrigation drawings in DWG and PDF format supplied				
	As constructed landscape drawings in DWG and PDF format supplied				
	Aspec data supplied				
	Final Playground Safety Audit supplied if applicable				
	Proposed Playground Inspection Schedule supplied if applicable				
	Electrical certification for all electrical items supplied if applicable				
	Recent arborist reports supplied if applicable				
	Artwork Management Plan supplied if applicable				
	Proposed date for Practical Completion Site Inspection (minimum 14 days notice)				
Step 2 - I	Practical Completion Inspection				
	Inspection undertaken by City Representative & notification of defects issued				
	Defects rectified & City notified				
Step 3 - 1	Acceptance of Practical Completion				
	City re-inspection of defects and acceptance of Practical Completion issued				
Step 4 –	Developer Maintenance Period				
	Maintenance undertaken as per City of Kwinana Landscape Development Guidelines 2020				
	Monthly reporting of irrigation bore meter readings to City Representative (to be undertaken in the first week of each month)				

	Arborist inspection reports undertaken during the Developer maintenance period for all trees overhanging play and activity areas, submitted to City
	Turf soil analysis at end of year one, submitted to City
	Playground Inspections undertaken, carried out as per the proposed inspection schedule provided at Practical Completion. Completed inspections to be provided to City at time of handover
	BBQ electrical safety inspections, using the BBQ Electrical Testing Form, carried out every 6 months. Completed forms are to be provided to the City at handover
	RCD testing, carried out every 6 months. The log of inspections is to be provided to the City at handover.
Step 5 - I	Handover Application
	Completed Handover Application Package supplied
	All specified as constructed documentation submitted with Practical Completion Application or updated drawings attached
	All required maintenance data supplied
	All warranties and guarantees supplied
	Arborist inspection report undertaken prior to handover for all trees overhanging play and activity areas
	Playground Safety Audit supplied if applicable
	Completed Playground Inspection checklists, carried out as per the proposed inspection schedule provided at Practical Completion
	Completed BBQ Electrical Testing Forms supplied
	Log of RCD testing supplied
	Turf soil analysis at end of year two, submitted to City
	Proposed date for Handover Site Inspection (minimum 30 days notice)
Step 6 - I	Handover Inspection
	Inspection appointment confirmed with City Representative 7 days prior
	Inspection undertaken by City Representative & notification of defects issued
	Defects rectified & City notified
Step 7 - /	Acceptance of Handover
	City re-inspection of defects and acceptance of Handover (official notification issued within 7 days of defect free inspection)

Use of Application Package

Applicants are to complete and submit **all** sections of this Package up to and including the process stage at which they are applying for.



Practical Completion



Practical Completion Application - Landscape

Lanus	cape Details			
	POS/Streetscape Name	•		
	Location:			
A . A p	pplicant Details			
	Organisation Name:			-
	Contact Name:			-
	Contact Title:			-
	Contact Phone:	_		-
	Contact Email:			-
	Postal Address:			<u>.</u>

B. Asset Details

Note: Construction cost schedule also to be provided. Contractor details can be removed from schedule

Note: If Practical Completion is being sought for both streetscapes and a POS at the same time, asset quantity data is to be separated into each corresponding table below

	As Constructed Asset Quantities - STRE	ETSCAPES	
Item	Asset	Unit	Quantity
1	Total area	m²	
2	Irrigated area	m²	
3	Non-irrigated area	m²	
4	Turf area	m²	
5	Irrigated garden bed area	m²	
6	Dry-bed / bush-land area	m²	
7	Path area (including exposed aggregate)	m²	
8	Hardstand area (including exposed aggregate)	m²	
9	Paved area	m²	
10	Total garden bed kerbing length	Lm	
11	Number of plants planted	No.	
12	Number of trees planted	No.	

	As Constructed Asset Quantities - POS				
Item	Asset	Unit	Quantity		
1	Total area	m²			
2	Irrigated area	m²			
3	Non-irrigated area	m²			
4	Turf area	m²			
5	Irrigated garden bed area	m²			
6	Dry-bed / bush-land area	m²			
7	Path area (including exposed aggregate)	m²			
8	Hardstand area (including exposed aggregate)	m²			
9	Paved area	m²			
10	Total garden bed kerbing length	Lm			
11	Number of plants planted	No.			
12	Number of trees planted	No.			

C.	Irrigation (Bore) Details				
	Bore ID:				
	Bore Location:				
	Installation Contractor Name:				
	Maintenance Contractor Name:				
	Maintenance Contractor Contact:				
	Date of Bore Commission:				
	Water License Number:				
	Water License Allocation:			(KL	/Annum)
	Iron Bacteria Filtration System:		Yes	No	
	As Constructed Drawings Attached/Subr	nitted:	Yes	No	
D.	Irrigation (Reticulation) Details				
	Installation Contractor Name:				
	Date of Pipe-Work Backfill Inspection:			(Inspection	by City)
	Maintenance Contractor Name:				

	Maintenance Contractor Contact:		
	As Constructed Drawings Attached/Submitted:	Yes	No
E.	Landscape Details		
	Installation Primary Contractor Name:		
	Installation Primary Contractor Contact:		
	Maintenance Contractor Name:		
	Maintenance Contractor Contact:		
	As Constructed Drawings Attached/Submitted:	Yes	No
F.	Practical Completion Site Inspection		
	Proposed Inspection Date:		(min. 14 days notice)
	Proposed Inspection Time:		
	Proposed Meeting Location:		
	Applicant Inspection Contact Name:		
	Phone:		
	Email:		

Note: Unless otherwise arranged by the applicant irrigation shall be operated at landscape inspection.



Practical Completion Site Inspection - Landscape

To be completed by City of Kwinana Representative at site inspection.

A.	Inspection Details	
	POS/Streetscape Name	o:
	Location:	-
	Date:	
	Time:	
В.	City Representative Details	5
	Primary Inspector:	
	Irrigation Supervisor:	
	Other Staff Present:	
		-
C.	Applicant Representative I	Details
	Name:	
Ch	ecklist Key	
	S = Satisfactory	- Approved for acceptance
	IC = Incomplete	- Works required to complete
	UA = Unacceptable	- Works required to rectify non-compliance, defects or damage

PRAC	TICAL COMPLETION SITE IN	SPEC [.]	TION (CHEC	KLIST (Completed by City of Kwinana)		
Item	Asset	S	IC	UA	Comments		
1. Irr	1. Irrigation (Bore)						
1.1	As per drawings & guidelines						
1.2	Plant, equipment & electrical						
1.3	Pressure test						
1.4	Filter compound (where app.)						
2. Irr	igation (Reticulation)						
2.1	As per drawings & guidelines						
2.2	Mainline pressure test						
2.3	All sprinklers present & operational						
3. Tu	urf			'			
3.1	As per drawings & guidelines						
3.2	Healthy condition						
3.3	Weed free						
3.4	No gradient exceeds 1:6						
3.5	Mower clearances						
4. G	arden Beds						
4.1	As per drawings & guidelines						
4.2	Weed free						
4.3	75-100mm mulch						
4.4	Complete, even mulch cover						
5. PI	ants						
5.1	As per drawings & guidelines						
5.2	Healthy condition						
5.3	Spacing & clearances						
6. Tr	rees						

6.1	As per drawings & guidelines			
6.2	Healthy condition			
6.3	Spacing & clearances			
6.4	Bole mulch 75-100mm			
6.5	Weed & grass free bole			
6.6	Remnant tree deadwood			
7. Pa	aths, Hardstands & Paving			
7.1	As per drawings & guidelines			
7.2	Damage & defect free			
7.3	Joint spacing (concrete)			
8. Ke	erbing			
8.1	As per drawings & guidelines			
8.2	Damage & defect free			
8.3	Joint spacing			
8.4	Alignment & tolerance			
9. Si	gnage and Artwork			
9.1	As per drawings & guidelines			
9.2	Damage & defect free			
10. Bi	ns			
10.1	As per drawings & guidelines			
10.2	Damage & defect free			
11. BI	BQs			
11.1	As per drawings & guidelines			
11.2	Damage & defect free			
11.3	Operational			
12. PI	ayground, Soft-fall & Shade S	ails		
12.1	As per drawings & guidelines			

12.2	Damage & defect free								
12.3	AS. compliant								
13. Furniture (Seats, Benches, Picnic Tables)									
13.1	As per drawings & guidelines								
13.2	Damage & defect free								
13.3	Paint/oil/seal (where app.)								
14. S	ports Equipment	ı		1					
14.1	As per drawings & guidelines								
14.2	Damage & defect free								
15. Ca	ar Parks	ı		1					
15.1	As per drawings & guidelines								
15.2	Damage & defect free								
15.3	Line marking								
16. G	ates	ı							
16.1	As per drawings & guidelines								
16.2	Damage & defect free								
17. Fe	encing								
17.1	As per drawings & guidelines								
17.2	Damage & defect free								
18. Bo	ollards								
18.1	As per drawings & guidelines								
18.2	Damage & defect free								
18.3	Plumb & alignment								
19. Li	ghting								
19.1	As per drawings & guidelines								
19.2	Damage & defect free								
19.3	Operational								

20. W	ater Fountain (Drink)				
20.1	As per drawings & guidelines				
20.2	Damage & defect free				
20.3	Operational				
21. W	ater Feature / Water Body				
21.1	As per drawings & guidelines				
21.2	Damage & defect free				
21.3	Weed, algae & litter free				
21.4	Clear water appearance				
21.5	Fountain/aerator operational				
22. W	SUD Drainage Assets				
22.1	As per drawings & guidelines				
22.2	Damage & defect free				
22.3	Rock pitching compliance				
22.4	Drainage pits cleaned out and lids locked				
23. St	ructures (Gazebos, Info Shelte	rs, Bo	ardwal	ks, etc	:)
23.1	As per drawings & guidelines				
23.2	Damage & defect free				
23.4	Paint/oil/seal (where app.)				
24. Re	etaining Walls & Stairs				
24.1	As per drawings & guidelines				
24.2	Damage & defect free				
25. Ad	djacent roads and Footpaths				
25.1	Clean and tidy				
25.2	Free from damage				

 $\it NOTE$: Buildings (ablutions, halls, pavilions, etc) within public open space are to be inspected and handed over separately to landscape assets.

Additio	onal Comments:				
	TICAL COMPLETION DOCUMENT				
Item	Document Completed PC application	S	IC	NA	Comments and Document Number
1.1	package, including all required asset quantity data and construction cost schedule				
1.2	As constructed irrigation drawings in DWG and PDF format supplied				
1.3	As constructed landscape drawings in DWG and PDF format supplied				
1.4	ASpec / Ospec data supplied				
1.5	Final Playground Safety Audit supplied				
1.6	Proposed Playground Inspection Schedule supplied				
1.7	Electrical certification for all electrical items supplied				
1.8	Recent arborist reports supplied				
1.9	Artwork Management Plan supplied				



Acceptance of Practical Completion

Re-inspection to be undertaken by City Representative following notification from the Applicant that defects have been rectified.

A. Lan	dscape Details POS/Streetscape Name:				
	Location:				
B. Re-	Inspection Details				
	Date of original PC Inspe	ction:			
	Date of Re-Inspection:			<u> </u>	
	Inspector Name & Title:				
Dofoo	t Checklist				
Item	Asset		Defect Description		Rectified
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
C. Acc	eptance of Practical Cor	mpletion			
	Date of Acceptance:			<u></u>	
	Proposed Handover Date	: <u> </u>		(24 Month	ıs)

Note – City will issue a Practical Completion Acceptance Certificate once all defects have been rectified.

Developer Maintenance Period

Unless otherwise agreed upon, 24 months shall be the minimum developer maintenance period for all landscape assets, including streetscapes and street trees. During this period responsibilities are as follows:

Developer

- A. All maintenance to be undertaken by the Developer as per the as per City of Kwinana Landscape Development Guidelines 2020, including:
 - · All mowing operations
 - All horticultural operations
 - All irrigation operations
 - All infrastructure and furniture maintenance, repairs and inspections
 - Playground maintenance, repairs and inspections
 - Waste removal
 - · BBQ cleaning and inspections
 - Watering of landscape areas and street trees
- B. Monthly reporting of irrigation bore meter reading/s to the City of Kwinana (to be undertaken in the first week of each month) via email to depot.admin@kwinana.wa.gov.au (title 'Attention Irrigation Supervisor Bore Meter Reading' or phone 08 9236 0351.
- C. Soil, water and tissue analysis at end of year one, submitted via email to <u>depot.admin@kwinana.wa.gov.au</u> (title 'Attention Technical Officer Parks Operations – Soil, water and tissue analysis')
- D. Arborist inspection reports undertaken during the Developer maintenance period for all trees overhanging play and activity areas, submitted via email to
 depot.admin@kwinana.wa.gov.au
 (title 'Attention Technical Officer Parks Operations arborist report')
- E. Playground Inspection checklists, carried out as per the proposed inspection schedule provided at Practical Completion
- F. BBQ electrical safety inspections, carried out every 6 months, using the BBQ Electrical Testing Form (refer to Appendix D in Landscape Development Guidelines). Completed forms are to be provided to the City at handover.
- G. RCD testing, carried out on all RCD's every 6 months. The log of inspections is to be provided to the City at handover.

City of Kwinana

- A. Quarterly inspections of maintenance practices and asset conditions within all irrigated public open space areas once Practical Completion has taken place.
- B. Notification to Developer of non-compliant maintenance, damaged assets or any hazards identified.
- C. Bore maintenance where the bore has been handed over prior to the handover of remaining irrigation stages.



Hand-Over





Applicants to answer all applicable questions. Non-applicable questions (relating to assets that are not being handed-over) to be marked 'NA'.

Unless otherwise arranged by the applicant, any and all applicable irrigation shall be demonstrated as fully operational at time of landscape practical completion inspection.

Α.	POS/Streetscape Name: _				
	Location: _				
B.	Organisation Name: Contact Name: Contact Title: Contact Phone:				
C.	Asset Details All Asset Quantity Data Submitted at PC: All warranties & guarantees attached: Details of any subsequently installed asset	ts attached:	Yes Yes Yes	No No No	Attached NA NA
D.	Irrigation (Bore) Details Bore ID: Bore Location: Date of Practical Completion Acceptance: Water License Number: Water License Allocation: Water License Transfer: Date of Bore Commission: Date of Bore Redevelopment:	NA	In Progress		KL/Annum)
	Current Maintenance Contractor Name: _				

	Maintenance Contractor Contact:			
	Last 12 months Total Bore Maintenance Expenditure:	\$		
	Iron Bacteria Filtration System:	Yes	No	
	As Constructed Drawings Submitted at PC:	Yes	No	Attached
E.	Irrigation (Reticulation) Details			
	Date of Practical Completion Acceptance:			
	Current Maintenance Contractor Name:			
	Maintenance Contractor Contact:			
	Last 12 months Total Maintenance Expenditure:	\$		
	As Constructed Drawings Submitted at PC:	Yes	No	Attached
F.	Landscape Details			
	Date of Practical Completion Acceptance:			
	Current Maintenance Contractor Name:			
	Maintenance Contractor Contact:			
	Last 12 months Total Maintenance Expenditure:	\$		
	As Constructed Drawings Submitted at PC:	Yes	No	Attached
G.	Hand-Over Site Inspection			
	Proposed Inspection Date:	(m	in. 30 d	ays notice)
	Proposed Inspection Time:			_
	Proposed Meeting Location:			
	Applicant Inspection Contact Name:			
	Phone:			
	Email:			

Applicant to confirm inspection appointment with City of Kwinana 7 days prior to proposed inspection.



Hand-Over Site Inspection Checklist - Landscape

To be completed by City of Kwinana Representative at site inspection.

A.	Inspection Details	
	POS/Streetscape Na	me:
	Location:	
	Date:	
	Time:	
В.	City Representative Det	ails
	Primary Inspector Na	ame & Title:
	Irrigation Supervisor:	
	Building Supervisor:	
	Other Staff Present:	
C.	Applicant Representativ	ve Details
	Name:	
	Name:	
	Name:	
Ch	ecklist Key	
	S = Satisfactory	- Approved for acceptance
	IC = Incomplete	- Works required to complete
	UA = Unacceptable	- Works required to rectify non-compliance, defects or damage

HAND	HANDOVER SITE INSPECTION CHECKLIST								
Item	Asset	S	IC	UA	Comments				
1. Irrigation (Bore)									
1.1	Plant, equipment & electrical								
1.2	Pressure test								
1.3	Filter compound (where app.)								
2. Irr	rigation (Reticulation)								
2.1	Mainline pressure test								
2.2	All sprinklers present & operational								
3. Tu	urf								
3.1	Healthy condition								
3.2	Weed free								
3.3	Pest & disease free								
3.4	Litter free								
4. G	arden Beds		'	'					
4.1	Weed free								
4.2	Litter free								
4.3	Pest free								
4.4	75-100mm mulch								
4.5	Complete, even mulch cover								
5. PI	ants								
5.1	Healthy condition								
5.2	Pest & disease free								
5.3	Pruned & clearances								
6. Tr	rees								
6.1	Healthy condition								
6.2	Pest & disease free								
6.3	Bole mulch 75-100mm								
6.4	Weed & grass free bole								

6.5	Clearances							
6.6	Remnant tree deadwood							
7. Paths, Hardstands & Paving								
7.1	Damage & defect free							
7.2	Stain free							
8. Ke	erbing							
8.2	Damage & defect free							
9. Si	gnage							
9.2	Damage & defect free							
10. Bi	ns							
10.1	Keyed to City 'B' key							
10.2	Damage & defect free							
11. BI	BQs							
11.1	Keyed to City 'B' key							
11.2	Damage & defect free							
11.3	Operational							
11.4	Clean							
12. PI	ayground, Soft-fall & Shade S	ails						
12.1	Damage & defect free							
13. Fu	urniture (Seats, Benches, Picni	c Table	es)					
13.1	Damage & defect free							
13.2	Paint/oil/seal (where app.)							
14. Sp	ports Equipment							
14.1	Damage & defect free							
15. Ca	ar Park							
15.1	Damage & defect free							
15.2	Line marking							
16. G	ates							
16.1	Keyed to City key							
16.2	Damage & defect free							
17. Fe	encing							

17.1	Damage & defect free							
17.2	Plumb & alignment							
18. Bollards								
18.1	Removable keyed to City key							
18.2	Damage & defect free							
18.3	Plumb & alignment							
19. Li	ghting							
19.1	Damage & defect free							
19.2	Operational							
20. W	ater Fountain (Drink)							
20.1	Damage & defect free							
20.2	Operational							
21. W	ater Feature / Water Body							
21.1	Damage & defect free							
21.2	Weed, algae & litter free							
21.3	Clear water appearance							
21.4	Fountain/aerator operational							
22. Dı	rainage & Sumps							
22.1	Damage & defect free							
22.2	Litter & debris free							
23. St	ructures (Gazebos, Info Shelte	rs, Bo	ardwal	ks, etc	÷)			
23.1	Damage & defect free							
23.2	Paint/oil/seal (where app.)							
24. Re	etaining Walls							
24.1	Damage & defect free							

NOTE: Buildings (ablutions, halls, pavilions, etc) within public open space are to be inspected and handed over separately to landscape assets.

Additional Comments:								
ΗΔΝΓ	DOVER DOCUMENTATION CHECK	LIST	(C	omolete	ed by City of Kwinana)			
Item	Document	S	IC	UA	Comments and Document Number			
1.1	Completed handover package supplied							
1.2	All specified as constructed documentation submitted with Practical Completion Application or updated drawings in DWG and PDF format supplied							
1.3	All warranties and guarantees supplied							
1.4	All required maintenance data supplied							
1.5	Playground Safety Audit supplied							
1.6	Completed Playground Inspection checklists, carried out as per the proposed inspection schedule provided at Practical Completion							
1.7	Completed BBQ Electrical Testing Forms supplied							
1.8	Recent arborist reports supplied							
1.9	Log of RCD testing supplied							

1.10

Soil, water and tissue analysis at end of year two, submitted to City



Acceptance of Hand-Over - Landscape

Re-inspection to be undertaken by City Representative following notification from Hand-Over Applicant that defects have been rectified.

Acceptance of handover to be dated the day of defect free inspection.

A. Land	Iscape Details		
	POS/Streetscape Name:		
	Location:		
	Date of PC Acceptance:		
B. Re-lı	nspection Details		
	Date of Original Handove	er Inspection:	
	Date of Re-Inspection:		
	Inspector Name & Title:		
Defect	Checklist		
Item	Asset	Defect Description	Rectified
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
C. Acce	eptance of Hand-Over Date of Acceptance:		

D12/66647[v3]

Note – City will issue a Handover Acceptance Certificate

END OF DOCUMENT