

## Practical Completion & Hand-Over Application Package

## **Landscape Works**

Application Details	
POS/Streetscape Name:	
Location:	
Applicant Organisation Name:	
Applicant Organisation Name.	

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

Client Organisation Name:

#### **Document Control**

Rev No.	Date	Revision Details	Author	Reviewer	Approved
1	20/11/12	Initial Document	TM	DB	DB
2	20/5/13	Conversion to PDF form & minor updates	TM	DB	DB

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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 Public Open Space & Streetscape Development Guidelines 2013.

#### **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)



Consolidation Period & Maintenance Inspections (Step 4)



Handover Application (Step 5)



Handover Site Inspection (Step 6)



**Defect Rectification** 



City Acceptance of Handover (Step 7)

## **Application Checklist**

Landscape Asset Handover Process Checklist					
Design					
	Designed as per City of Kwinana Public Open Space & Streetscape Development Guidelines 2013				
	Design approval issued by City of Kwinana				
Construc	etion				
	All plant, equipment & materials supplied & installed as per approved design and in accordance with the City of Kwinana Public Open Space & Streetscape Development Guidelines 2013				
	Irrigation pipe-work backfill inspection undertaken & approved by City of Kwinana Representative				
Step 1 - I	Practical Completion Application				
	All specified quantity data supplied				
	All applicable as-constructed drawings & Auto-CAD/DXF data supplied				
	Irrigation (Bore) installation & maintenance information supplied				
	Irrigation (Reticulation) installation & maintenance information supplied				
	Landscape installation & maintenance information supplied				
	Proposed date for Practical Completion Site Inspection (minimum 14 days notice)				
Step 2 - I	Practical Completion Inspection				
	Inspection appointment confirmed with City Representative minimum of 48 hours prior				
	Inspection undertaken by City Representative & notification of defects issued				
	Defects rectified & City notified				
Step 3 - /	Acceptance of Practical Completion				
	City re-inspection of defects and acceptance of Practical Completion				
Step 4 - 0	Consolidation Period				
	Maintenance undertaken as per City of Kwinana Public Open Space & Streetscape Development Guidelines 2013				
	Monthly reporting of irrigation bore meter readings to City Representative (to be undertaken in the first week of each month)				
Step 5 - I	Handover Application				
	All specified documentation submitted with Practical Completion Application or attached				
	All specified maintenance data supplied				
	All warranties & guarantees supplied				

	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**

Applicants to answer all questions. Non-applicable questions to be marked 'NA'.

Unless otherwise arranged by the applicant irrigation shall be demonstrated at landscape inspection.

A.	Landscape Details	
	POS/Streetscape Name:	 
	Location:	
В.	Applicant Details	
	Organisation Name:	
	Contact Name:	
	Contact Title:	
	Contact Phone:	
	Contact Email:	
	Postal Address:	

#### C. Asset Details

Asset Quantities						
Item	Asset	Unit	Quantity			
1	Total area	m <sup>2</sup>				
2	Irrigated area	m²				
3	Non-irrigated area	m²				
4	Turf area	m <sup>2</sup>				
5	Irrigated garden bed area	m <sup>2</sup>				
6	Dry-bed / bush-land area	m <sup>2</sup>				
7	Path area (including exposed aggregate)	m <sup>2</sup>				
8	Hardstand area (including exposed aggregate)	m <sup>2</sup>				
9	Paved area	m <sup>2</sup>				
10	Total garden bed kerbing length	Lm				
11	Total vehicle kerbing length (within lot boundary only)	Lm				
12	Carpark/road area (within lot boundary only)	m <sup>2</sup>				
13	Number of plants planted	No.				

14	Number of trees planted	No.	
15	Installation value of playground (equipment only)	Exc GST	\$
16	Area of playground soft-fall	m²	
17	Installation value of soft-fall	Exc GST	\$
18	Shade sail area	m²	
19	Installation value of shade sails	Exc GST	\$
20	Number of BBQs	No.	
21	Number of Bins	No.	
22	Number of drink fountains	No.	
23	Number of park table settings	No.	
24	Number of park bench seats	No.	
25	Number of gates	No.	
26	Total fence length	Lm	
27	Number of bollards	No.	
28	Number of light poles (within lot boundary only)	No.	
29	Number of irrigation stations	No.	
30	Number of solenoid valves	No.	
31	Number of pop-up gear drive sprinklers	No.	
32	Number of pop-up fixed head sprinklers	No.	
33	Number of MP Rotator sprinklers	No.	
34	Number of tree bubblers	No.	
35	Length of walls (500mm+)	Lm	
36	Area of timber/composite boardwalk/lookout	m²	
37	Area of built structures (gazebos, info shelters, etc)	m²	
38	Area of buildings (toilets, halls, pavilions, etc)	m²	

D.	Irrigation (Bore) Details			
	Bore ID:			
	Bore Location:			
	Installation Contractor Name:			
	Maintenance Contractor Name:			
	Maintenance Contractor Contact:			
	Date of Bore Commission:			
	Water License Number:			
	Iron Bacteria Filtration System:		Yes	No
	As Constructed Drawings Attached/Subr	nitted:	Yes	No
E.	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/Subr	mitted:	Yes	No
F.	Landscape Details Installation Primary Contractor Name: Installation Primary Contractor Contact: Maintenance Contractor Name: Maintenance Contractor Contact: As Constructed Drawings Attached/Subr		Yes	No
G.	Practical Completion Site Inspection			
	Proposed Inspection Date:			(min. 14 days notice)
	Proposed Inspection Time:			
	Proposed Meeting Location:			
	Applicant Inspection Contact Name:			
	Phone:			
	Fmail:			

Applicant to confirm inspection appointment with City of Kwinana a minimum of 48 hours prior.

# Kwinana

## STEP 2

## **Practical Completion Site Inspection - Landscape**

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

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

PRAC	PRACTICAL COMPLETION SITE INSPECTION CHECKLIST							
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	ırf							
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. Ga	arden Beds							
4.1	As per drawings & guidelines							
4.2	Weed free							
4.3	75-100mm mulch							
4.4	Complete, even mulch cover							
5. Pla	5. Plants							
5.1	As per drawings & guidelines							
5.2	Healthy condition							
5.3	Spacing & clearances							
6. Tr	ees							
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					
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	3Qs					
11.1	As per drawings & guidelines					
11.2	Damage & defect free					
11.3	Operational					
12. Playground, Soft-fall & Shade Sails						
12.1	As per drawings & guidelines					
12.2	Damage & defect free					
12.3	AS. compliant					
13. Fu	urniture (Seats, Benches, Picnic	Table	s)			
13.1	As per drawings & guidelines					
13.2	Damage & defect free					
13.3	Paint/oil/seal (where app.)					

14. Sp	ports Equipment		
14.1	As per drawings & guidelines		
14.2	Damage & defect free		
15. Ca	ar Park		
15.1	As per drawings & guidelines		
15.2	Damage & defect free		
15.3	Line marking		
16. G	ates		
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		
17.3	Plumb & alignment		
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. Dr	22. Drainage & Sumps									
22.1	As per drawings & guidelines									
22.2	Damage & defect free									
22.3	No gradient exceeds 1:6									
22.3	Rock pitching compliance									
23. St	ructures (Gazebos, Info Shelter	rs, Boa	rdwalk	s, etc)						
23.1	As per drawings & guidelines									
23.2	Damage & defect free									
23.4	Paint/oil/seal (where app.)									
24. Re	etaining Walls									
24.1	As per drawings & guidelines									
24.2	Damage & defect free									
hande	NOTE: Buildings (ablutions, halls, pavilions, etc) within public open space are to be inspected and handed over separately to landscape assets.  Additional Comments:									
-										
	<del></del>									



## **Acceptance of Practical Completion - Landscape**

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

Acceptance of Practical Completion to be dated the day of defect free inspection.

A. La	POS/Streetscape Name	: _			
	Location:	_			
B. Re	P-Inspection Details  Date of original PC Inspection:  Date of Re-Inspection:  Inspector Name & Title:	ection: _ -			
Defec	t Checklist				
Item	Asset		Defect Description		Rectified
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
C. Ac	ceptance of Practical Co	mpletion	1		
	Proposed Handover Dat	e: _		(24 Mon	ths)
	Manager Name & Title:	_			
	Manager Signature:	_			
	Date:	_			

## **Consolidation Period - Landscape**

Unless otherwise agreed upon, 24 months shall be the minimum consolidation period for all landscape assets. During this period responsibilities are as follows:

#### Developer

- A. All maintenance to be undertaken by the Developer as per the City of Kwinana Public Open Space & Streetscape Development Guidelines 2013, including:
  - i. All mowing operations
  - ii. All horticultural operations
  - iii. All irrigation operations
  - iv. All infrastructure maintenance & repairs
  - v. Waste removal
  - vi. BBQ cleaning
- 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 <a href="mailto:admin@kwinana.wa.gov.au">admin@kwinana.wa.gov.au</a> (title 'Attention Irrigation Supervisor Bore Meter Reading' or phone 08 9236 0351.

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- 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.	Landscape Details POS/Streetscape Name:				
	Location:				
В.	Applicant Details				
	Organisation Name:				
	Contact Name:				
	Contact Title:				
	Contact Phone:				
	Contact Email:				
	Postal Address:				
C.	Asset Details				
	All Asset Quantity Data Submitted at I	PC:	Yes	No	Attached
	All warranties & guarantees attached:		Yes	No	NA
	Details of any subsequently installed a	assets attached:	Yes	No	NA
D.	Irrigation (Bore) Details				
	Bore ID:				
	Bore Location:				
	Date of Practical Completion Accepta	nce:			
	Water License Number:				
	Water License Allocation:			(	(KL/Annum)
	Water License Transfer:	NA	In Progress	Comp	olete
	Date of Bore Commission:				
	Date of Bore Redevelopment:				
	Current Maintenance Contractor Nam	e:			

	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.





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

A.	Inspection Details	
	POS/Streetscape Name:	
	Location:	
	Date:	<u> </u>
	Time: _	
В.	City Representative Details	
	Primary Inspector Name & Title:	
	Irrigation Supervisor:	
	Building Supervisor:	
	Other Staff Present:	
	-	
	-	
C.	Applicant Representative Details	
	Name:	
	Name:	
	Name:	
Ch	ecklist Key	
	S = Satisfactory - Approv	ed for acceptance
	IC = Incomplete - Works	required to complete
	IIA = I Inaccentable - Works	required to rectify non-compliance, defects or damage

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

6.6	Remnant tree deadwood			
7. Pa	aths, 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, Picnic	Table	s)	
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		1	
17.1	Damage & defect free			
17.2	Plumb & alignment			

18. Bo	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	ı	ı						
21.1	Damage & defect free								
21.2	Weed, algae & litter free								
21.3	Clear water appearance								
21.4	Fountain/aerator operational								
22. Dr	rainage & Sumps								
22.1	Damage & defect free								
22.2	Litter & debris free								
23. St	ructures (Gazebos, Info Shelter	rs, Boa	ırdwalk	(s, 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:									
•									



## **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. La	ndscape Details POS/Streetscape Name		
	Location:		
		-	
	Date of PC Acceptance:		
B. Re	-Inspection Details		
	Date of Original Handov	er Inspection:	
	Date of Re-Inspection:		
	Inspector Name & Title:		
	t Checklist		
Item	Asset	Defect Description	Rectified
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
C. Ac	Cceptance of Hand-Over Date of Acceptance: Manager Name & Title: Manager Signature:		
	Date:		

### **END OF DOCUMENT**