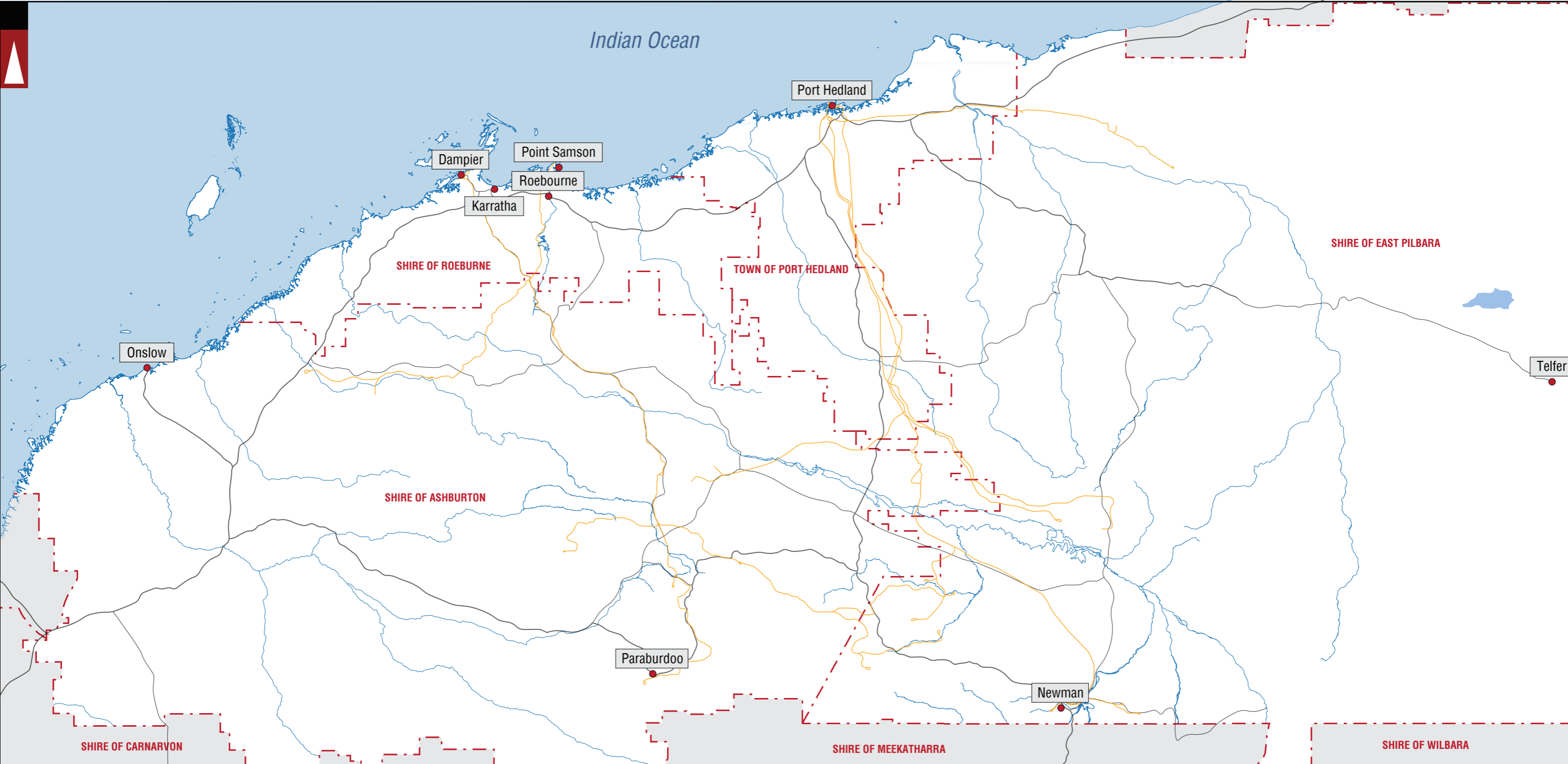


Appendix 1

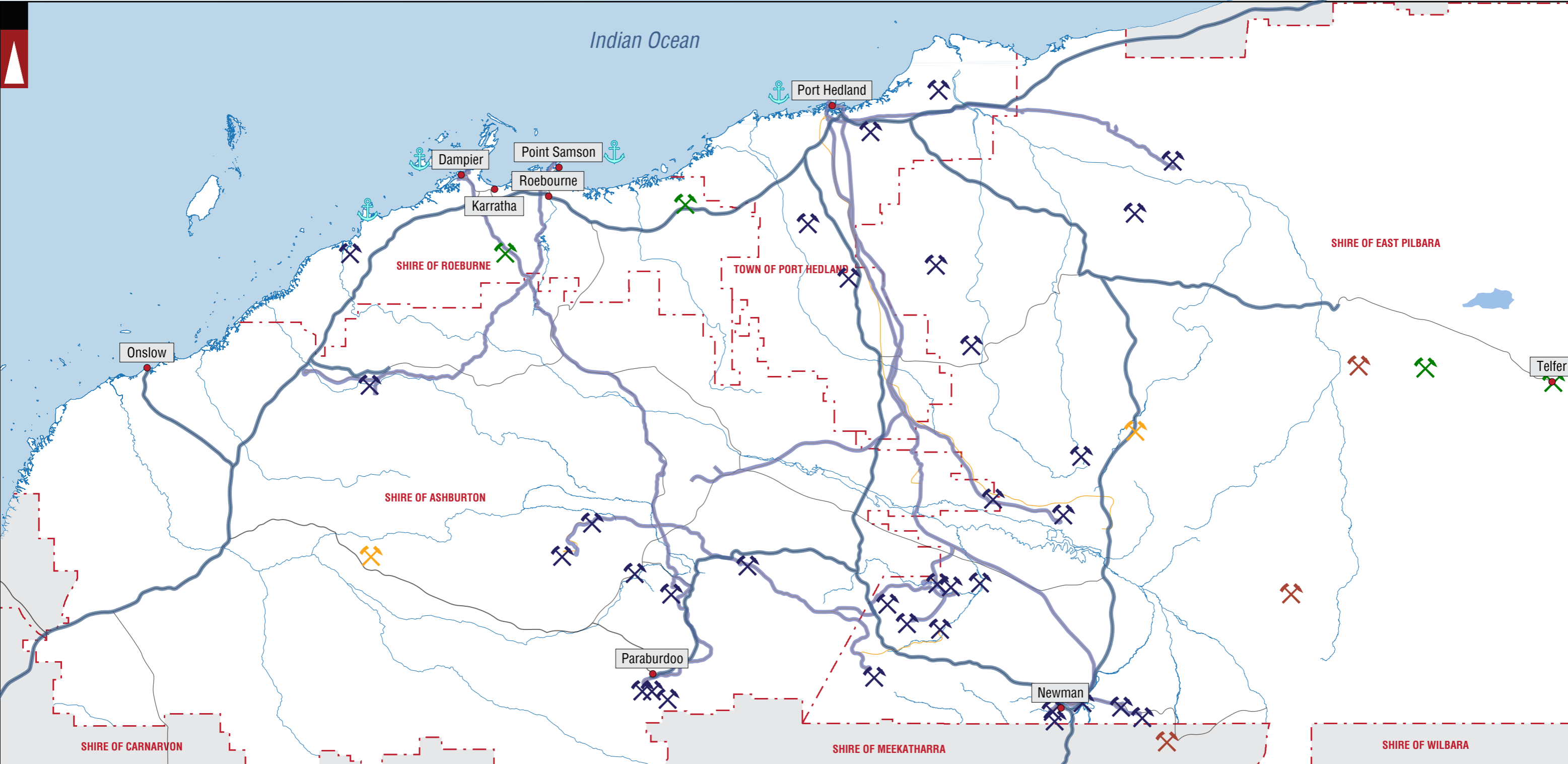
Transport Planning and Traffic Plans



<p>TOWN OF PORT HEDLAND</p> <p>LOCAL GOVERNMENT NAME</p> <p>LOCAL GOVERNMENT BOUNDARY</p> <p>ROAD</p> <p>RAILWAY</p>	<p>LOCAL GOVERNMENT NAME</p> <p>LOCAL GOVERNMENT BOUNDARY</p> <p>ROAD</p> <p>RAILWAY</p>	<p>LEGEND</p>	<p>Certified System</p> <p>Quality ISO 9001</p> <p>SAI GLOBAL</p>
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			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: A.N.	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: LOCALITY PLAN - REGIONAL		
A	15-10-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S01b		PH: 08 9441 2700 WEB: www.kctt.com.au
No	DATE	AMENDMENT			





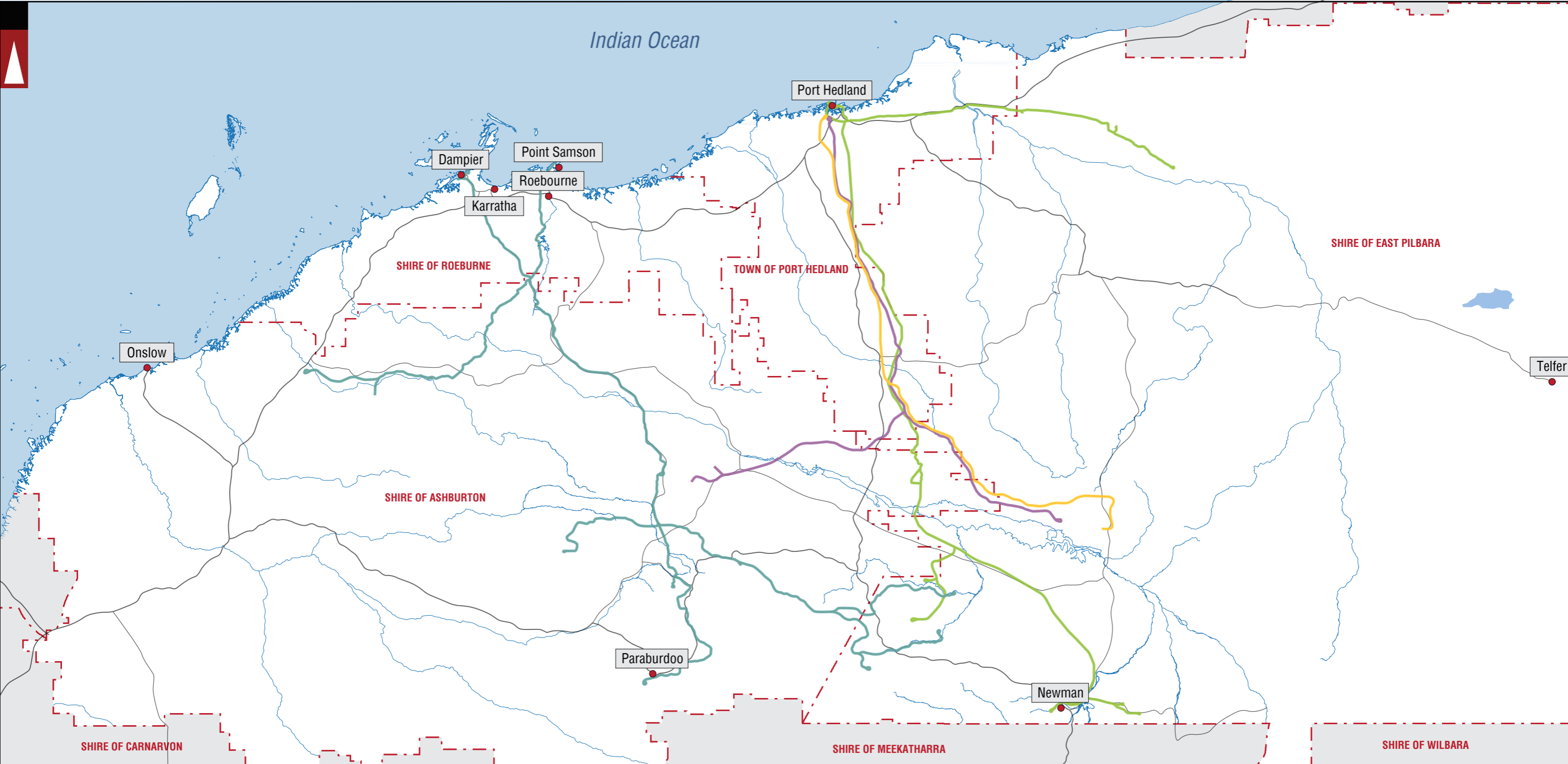
TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		KEY FREIGHT ROUTE - ROAD		IRON ORE
	LOCAL GOVERNMENT BOUNDARY		KEY FREIGHT ROUTE - RAIL		COPPER
	ROAD		MAJOR SEAPORT		GOLD
	RAILWAY		OTHER COMMODITIES		

LEGEND

			PROJECT: TOWN OF PORT HEDLAND		DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: NATIONAL KEY FREIGHT ROUTES MAP (PORT HEDLAND AND PILBARA REGION)		
A	15-10-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S12		A.N.
No	DATE	AMENDMENT			

PH: 08 9441 2700
WEB: www.kctt.com.au





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		FORTESCUE RAILWAY (FMG)
	LOCAL GOVERNMENT BOUNDARY		HAMERSLY & ROBE RIVER RAILWAY (RIO TINTO)
	ROAD		GOLDSWORTHY & MOUNT NEWMAN RAILWAY- BHP BILLITON
	RAILWAY		ROY HILL RAILWAY

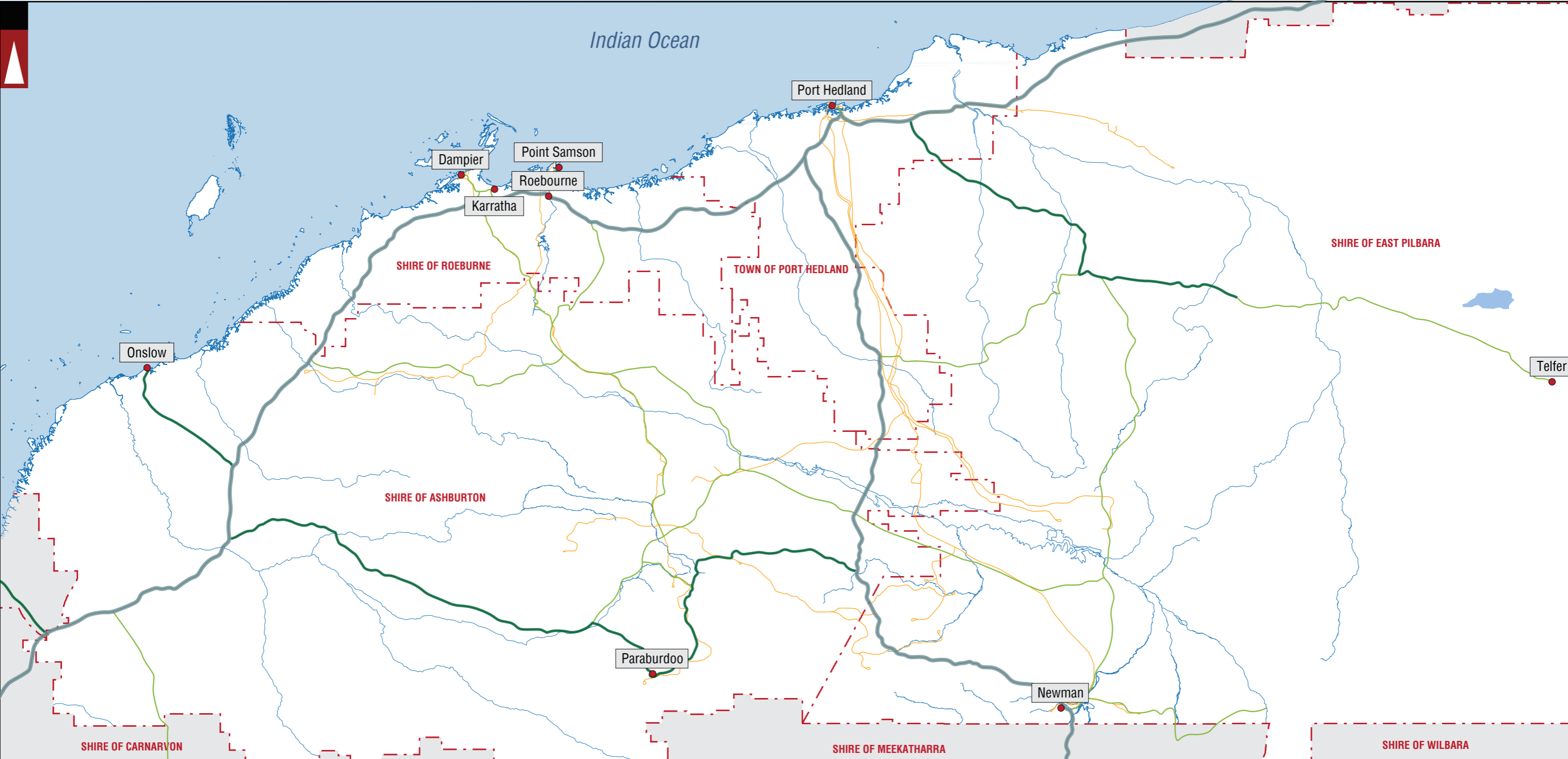
LEGEND

			PROJECT: TOWN OF PORT HEDLAND		DRAWN BY:
			TITLE: KEY REGIONAL RAIL NETWORK		
A	15-10-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_ S13		A.N.
No	DATE	AMENDMENT			

Civil & Traffic Engineering Consultants
Suite 7 No 10 Whipple Street Balcatta WA 6021

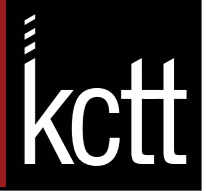
PH: 08 9441 2700
WEB: www.kctt.com.au

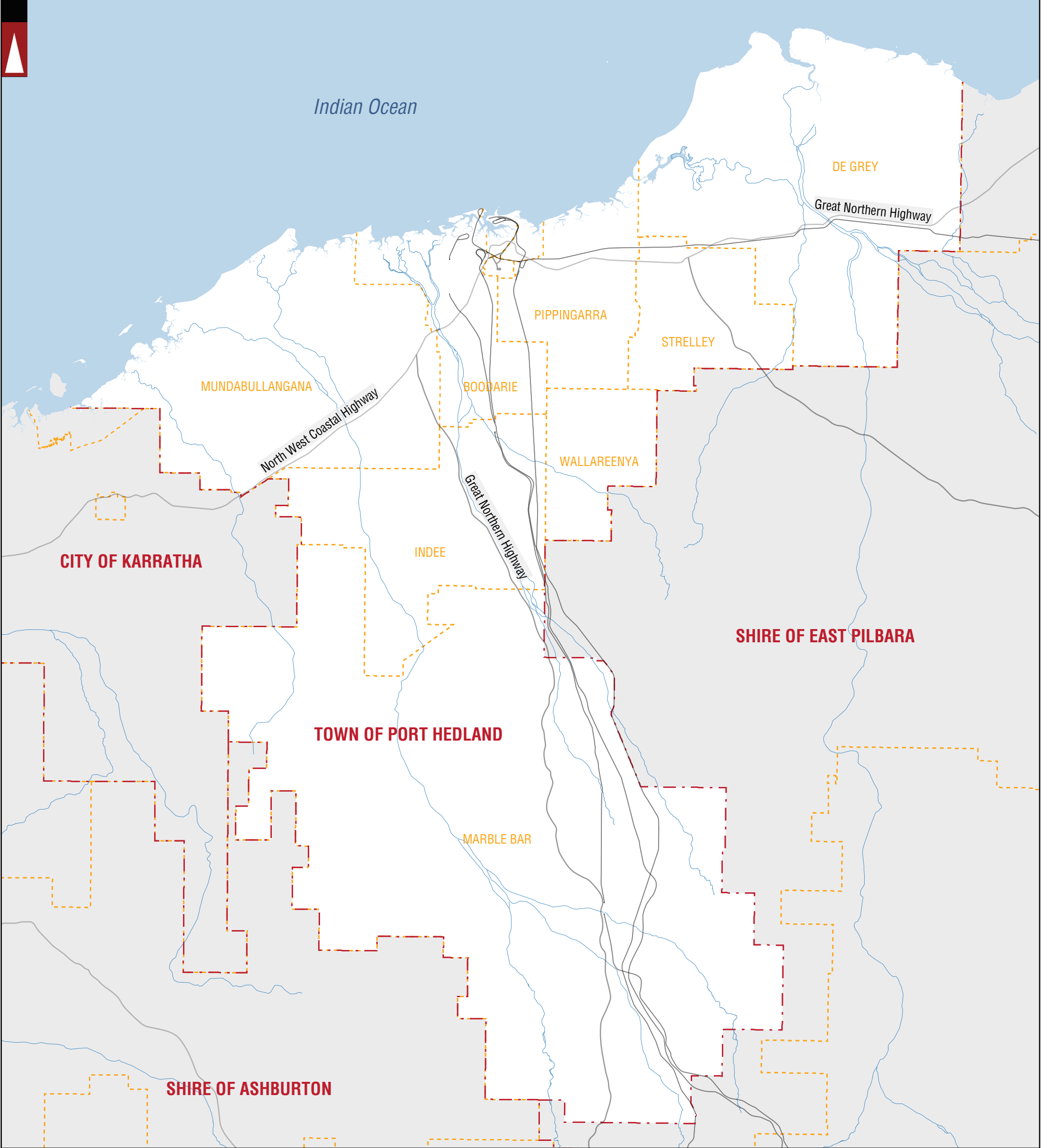




<p>TOWN OF PORT HEDLAND</p> <p>LOCAL GOVERNMENT NAME</p> <p>LOCAL GOVERNMENT BOUNDARY</p> <p>ROAD</p> <p>RAILWAY</p>	<p>LOCAL GOVERNMENT NAME</p> <p>LOCAL GOVERNMENT BOUNDARY</p> <p>ROAD</p> <p>UNSEALED ROAD</p>	<p>SEALED MAJOR ROAD</p> <p>SEALED MINOR ROAD</p> <p>UNSEALED ROAD</p>	<p>LEGEND</p>	<p>Certified System Quality ISO 9001 SAI GLOBAL</p>
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			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: A.N.	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021 PH: 08 9441 2700 WEB: www.kctt.com.au
			TITLE: KEY REGIONAL ROAD NETWORK		
A	15-10-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S14		
No	DATE	AMENDMENT			





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD
	LOCAL GOVERNMENT BOUNDARY		STREET NAME
	LOCALITY BOUNDARY		RAILWAY
PORT HEDLAND	LOCALITY NAME		

LEGEND

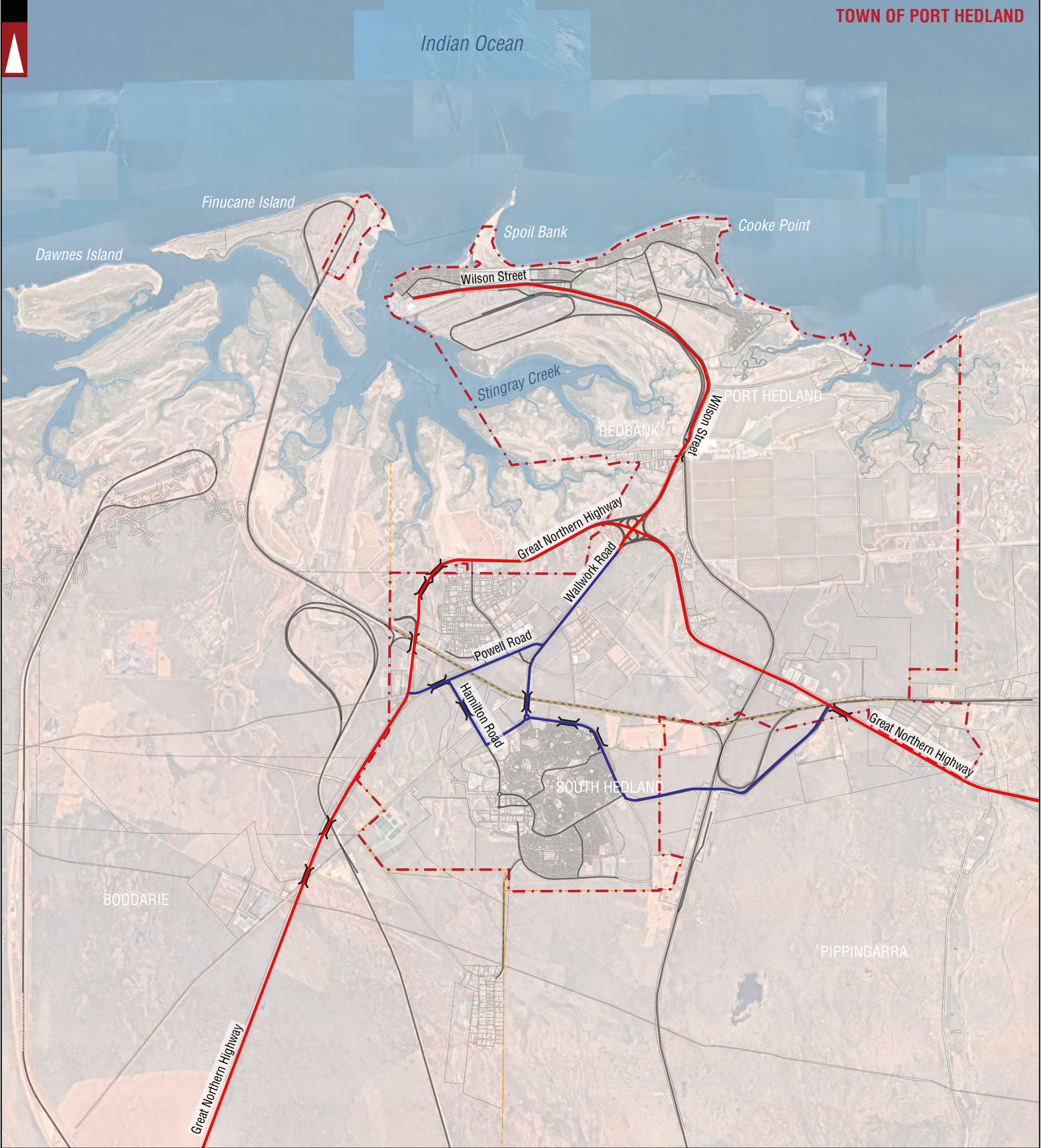
Civil & Traffic Engineering Consultants
Suite 7 No 10 Whipple Street Balcatta WA 6021

PH: 08 9441 2700
WEB: www.kctt.com.au

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: A.N.
			TITLE: LOCALITY PLAN - TOWN OF PORT HEDLAND	
A	04-09-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S01a	
No	DATE	AMENDMENT		



Indian Ocean



TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD		PRIMARY DISTRIBUTOR
	TOWNSITE BOUNDARY		STREET NAME		REGIONAL DISTRIBUTOR
	LOCALITY BOUNDARY		RAILWAY		ROAD BRIDGE
PORT HEDLAND	LOCALITY NAME				

LEGEND

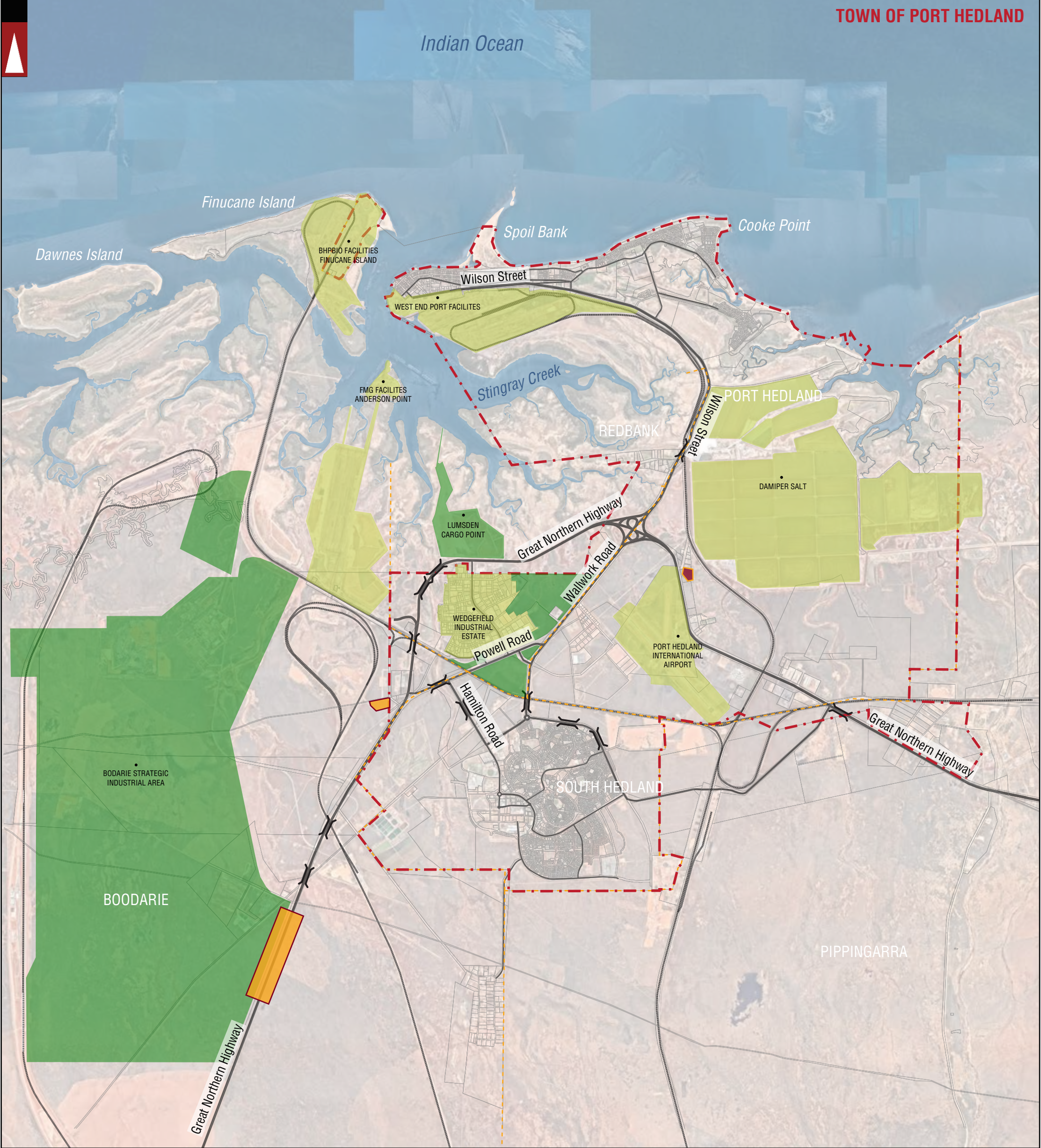
No	DATE	AMENDMENT
B	24-02-2020	AMENDED AS PER COMMENTS
A	21-10-2019	ISSUED FOR REVIEW

PROJECT:	TOWN OF PORT HEDLAND
TITLE:	LOCALITY PLAN - TOWNSITE
DRAWING NUMBER:	KC01000.000_S01

DRAWN BY:	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
A.M.	PH: 08 9441 2700 WEB: www.kctt.com.au



Indian Ocean



TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD		KEY EXISTING NODS
	TOWNSITE BOUNDARY		STREET NAME		FUTURE DEVELOPMENTS
	LOCALITY BOUNDARY		RAILWAY		EXISTING ROAD TRAIN ASSEMBLY AREA
PORT HEDLAND	LOCALITY NAME		ROAD BRIDGE		POTENTIAL ROAD TRAIN ASSEMBLY AREA

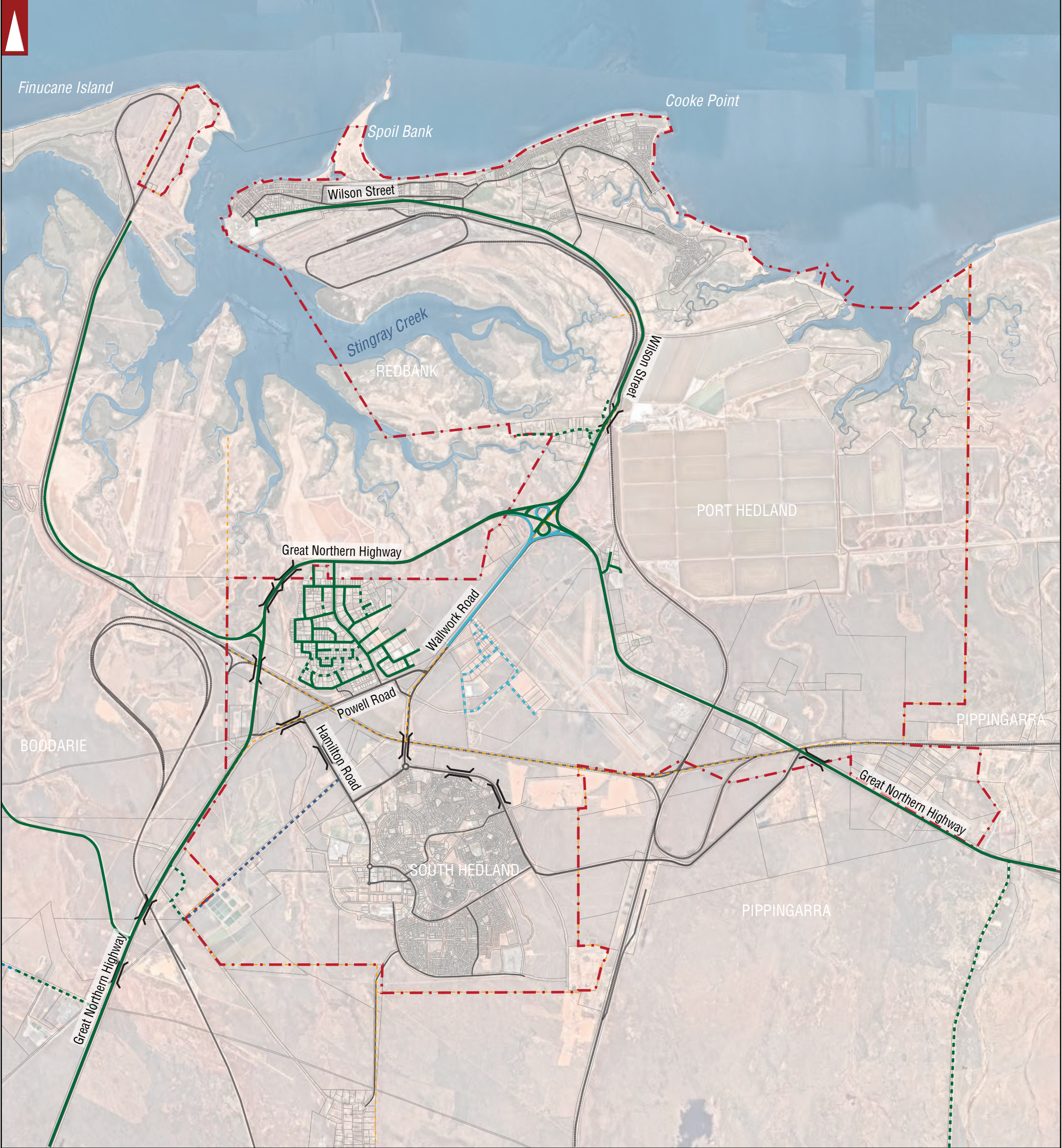
LEGEND

No	DATE	AMENDMENT
B	24-02-2020	AMENDED AS PER COMMENTS
A	21-10-2019	ISSUED FOR REVIEW

PROJECT:	TOWN OF PORT HEDLAND
TITLE:	CONTEXT PLAN - TOWNSITE
DRAWING NUMBER:	KC01000.000_S02

DRAWN BY:	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
A.M.	PH: 08 9441 2700 WEB: www.kctt.com.au





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME	ROAD	STANDARD RAV 10 NETWORK
	TOWNSITE BOUNDARY	STREET NAME	CONGESIONAL RAV 10 NETWORK
	LOCALITY BOUNDARY	RAILWAY	CONGESIONAL RAV 9 NETWORK
PORT HEDLAND	LOCALITY NAME	ROAD BRIDGE	CONGESIONAL RAV 6 NETWORK
			STANDARD RAV 2 NETWORK
			CONGESIONAL RAV 2 NETWORK

LEGEND

No	DATE	AMENDMENT
A	04-09-2019	ISSUED FOR REVIEW

PROJECT:	TOWN OF PORT HEDLAND
TITLE:	EXISTING HEAVY VEHICLES NETWORK - TOWNSITE
DRAWING NUMBER:	KC01000.000_S03

DRAWN BY:	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
A.N.	PH: 08 9441 2700 WEB: www.kctt.com.au



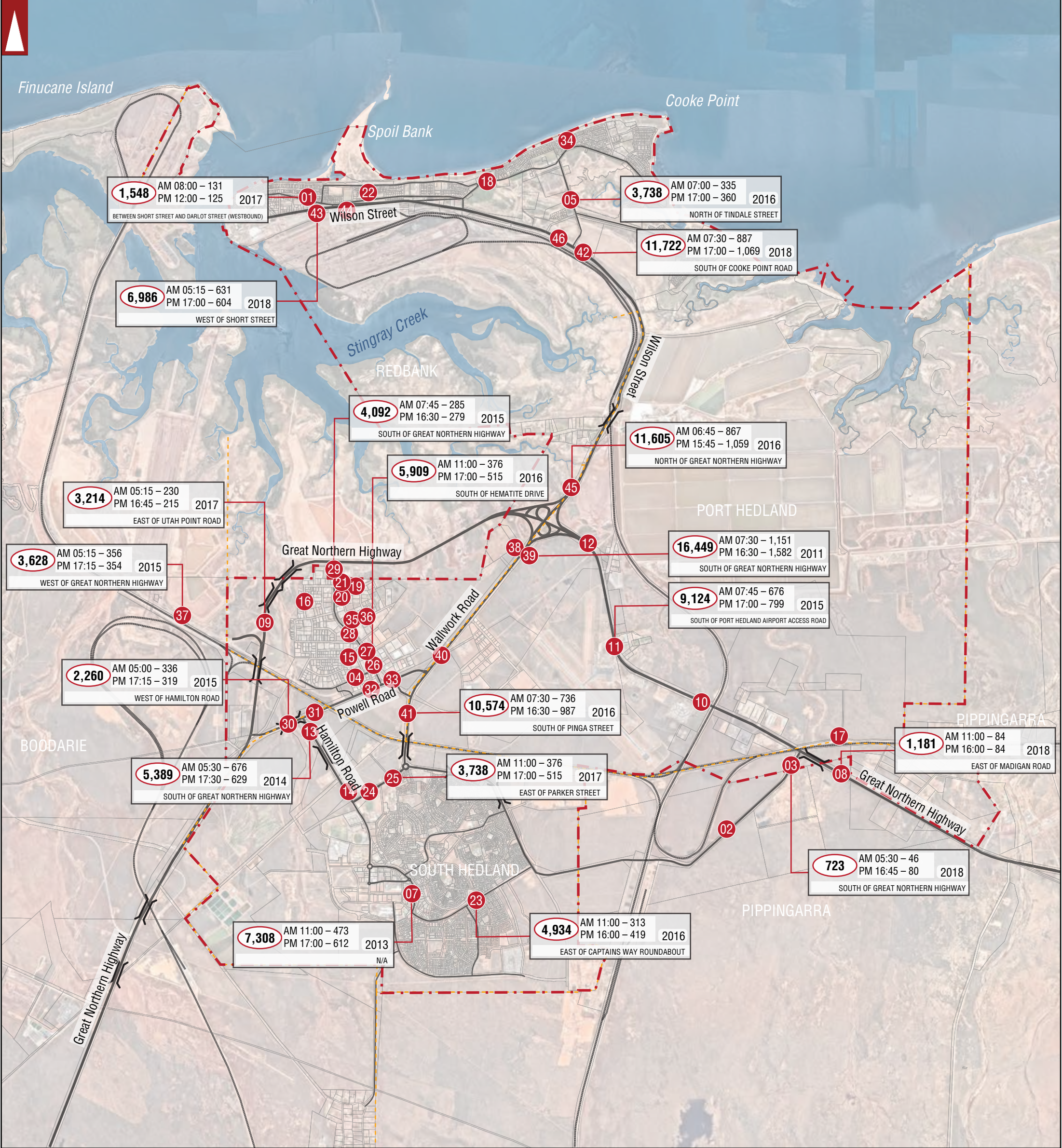


TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME	ROAD	LEVEL RAILWAY CROSSING
	TOWNSITE BOUNDARY	Wilson Street STREET NAME	GRADE SEPARATED RAILWAY CROSSING
	LOCALITY BOUNDARY	RAILWAY	
PORT HEDLAND	LOCALITY NAME	ROAD BRIDGE	

LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: RAIL CROSSINGS - TOWNSITE	A.N. PH: 08 9441 2700 WEB: www.kctt.com.au
A	04-09-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S04	
No	DATE	AMENDMENT		



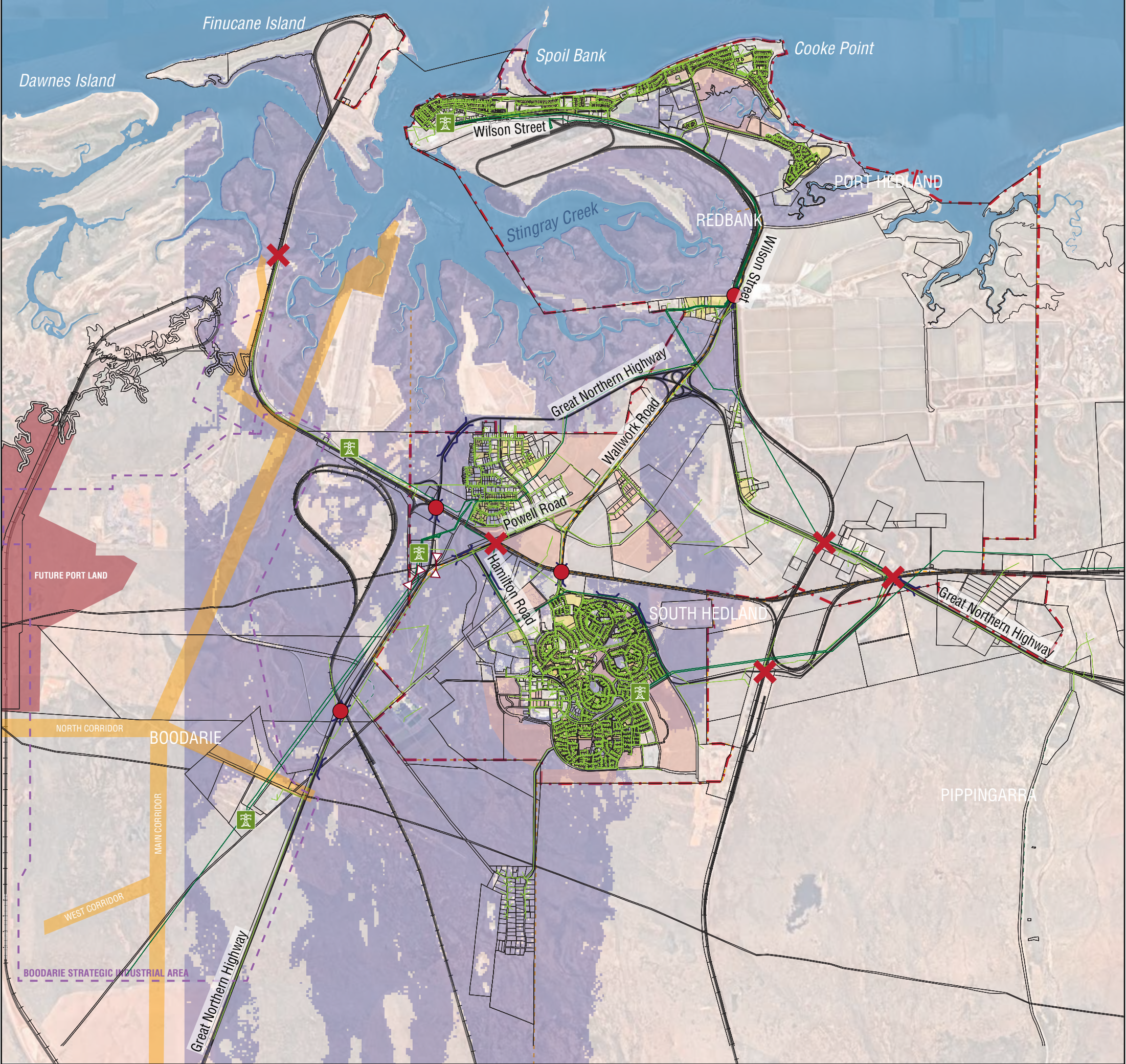


TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD	5,512	NUMBER OF VEHICLES PER DAY	01	LOCATION OF TRAFFIC COUNT DATA FOR MORE INFORMATION REFER TO EXISTING TRAFFIC VOLUMES TABLE WITHIN THE REPORT
	TOWNSITE BOUNDARY	Wilson Street	STREET NAME	AM 1145 - 381 PM 1630 - 480	NUMBER OF VEHICLES PER AM PEAK HOUR NUMBER OF VEHICLES PER PM PEAK HOUR		
	LOCALITY BOUNDARY		RAILWAY	2014	YEAR		
PORT HEDLAND	LOCALITY NAME		ROAD BRIDGE	EAST OF HARLOW ROAD	LOCATION		

LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: EXISTING TRAFFIC COUNTS - TOWNSITE	A.N.
A	11-09-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_S08	PH: 08 9441 2700 WEB: www.kctt.com.au
No	DATE	AMENDMENT		





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		RAILWAY		ZONE SUBSTATION		POSSIBLE URBAN EXPANSION AREA		EXISTING RESIDENTIAL DEVELOPMENTS
	TOWNSITE BOUNDARY		LEVEL RAILWAY CROSSING		TRANSMISSION LINE		100-YEAR FLOOD CATCHMENT FLOW*		
	LOCALITY BOUNDARY		GRADE SEPARATED RAILWAY CROSSING		DISTRIBUTION LINE	<small>NOTE*: 100 YEAR FLOOR CATCHMENT FLOW SOURCED FROM COASTAL VULNERABILITY STUDY (2011)</small>			
	PORT HEDLAND LOCALITY NAME		ROAD		PROPOSED CENTRAL INFRASTRUCTURE CORRIDOR		OVERHEAD POWER		
	STREET NAME		ROAD BRIDGE		FUTURE PORT LAND				

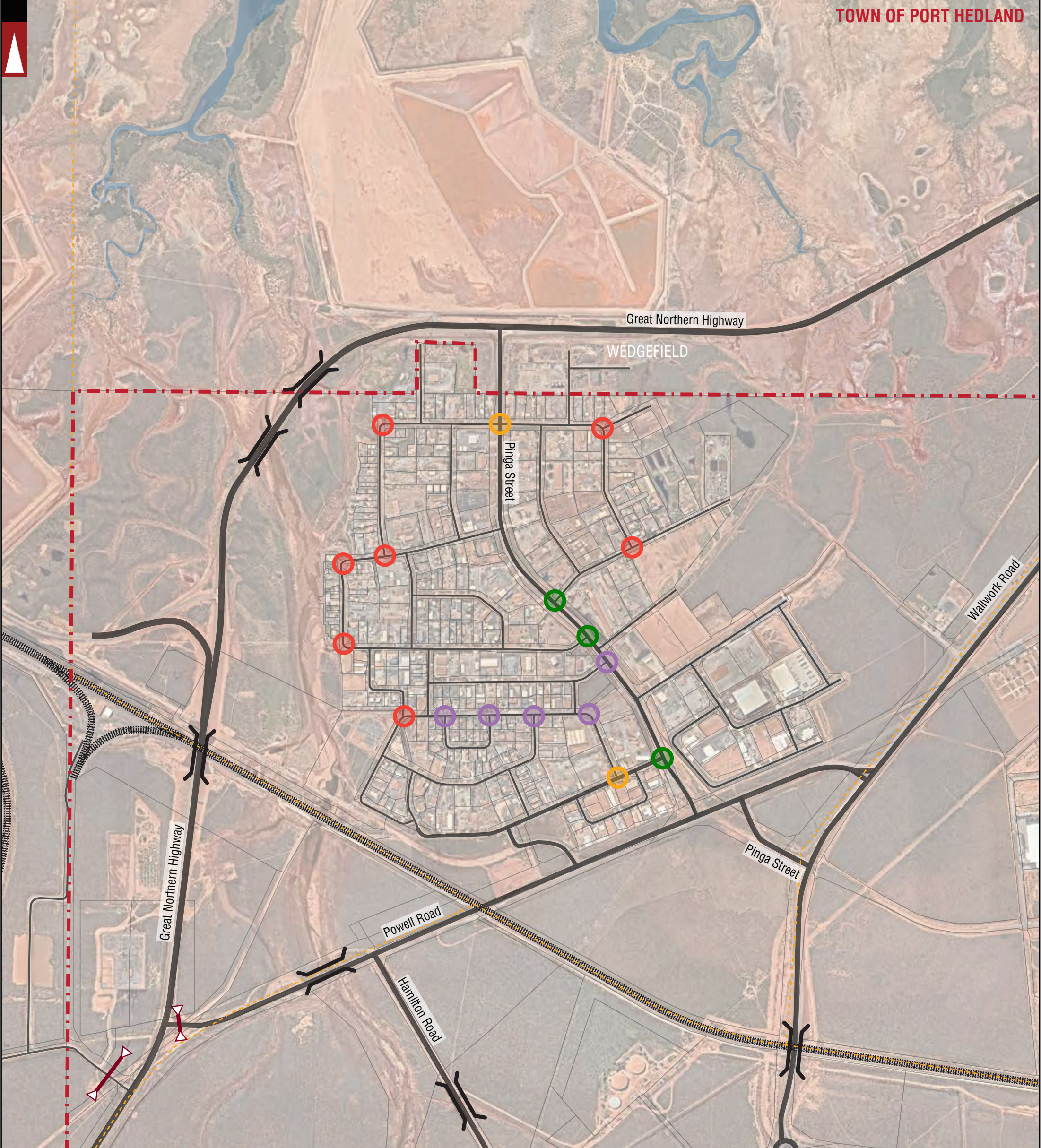


LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY:	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: OPORTUNITIES AND CONSTRAINTS MAP	J.S.	
			DRAWING NUMBER: KC01000.000_S09		
A	24-10-2019	ISSUED FOR REVIEW			
No	DATE	AMENDMENT			

PH: 08 9441 2700
WEB: www.kctt.com.au

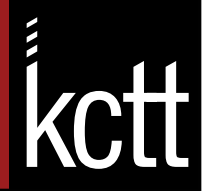




TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD		UPGRADED
	TOWNSITE BOUNDARY		STREET NAME		UPGRADED - STILL NOT ADEQUATE
	LOCALITY BOUNDARY		RAILWAY		MARKED FOR UPGRADE - NO WORK DONE
PORT HEDLAND	LOCALITY NAME		ROAD BRIDGE		OVERHEAD POWER
			OVERHEAD POWER		

LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: INTERSECTION UPGRADES - WEDGEFIELD	A.N. PH: 08 9441 2700 WEB: www.kctt.com.au
A	23-10-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_ S11	
No	DATE	AMENDMENT		





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME	ROAD	POTENTIAL GNH ALIGNMENT
	TOWNSITE BOUNDARY	Wilson Street STREET NAME	POTENTIAL ACCESS ROAD TO PHIA
	LOCALITY BOUNDARY	RAILWAY	POTENTIAL BRIDGE
PORT HEDLAND	LOCALITY NAME	ROAD BRIDGE	

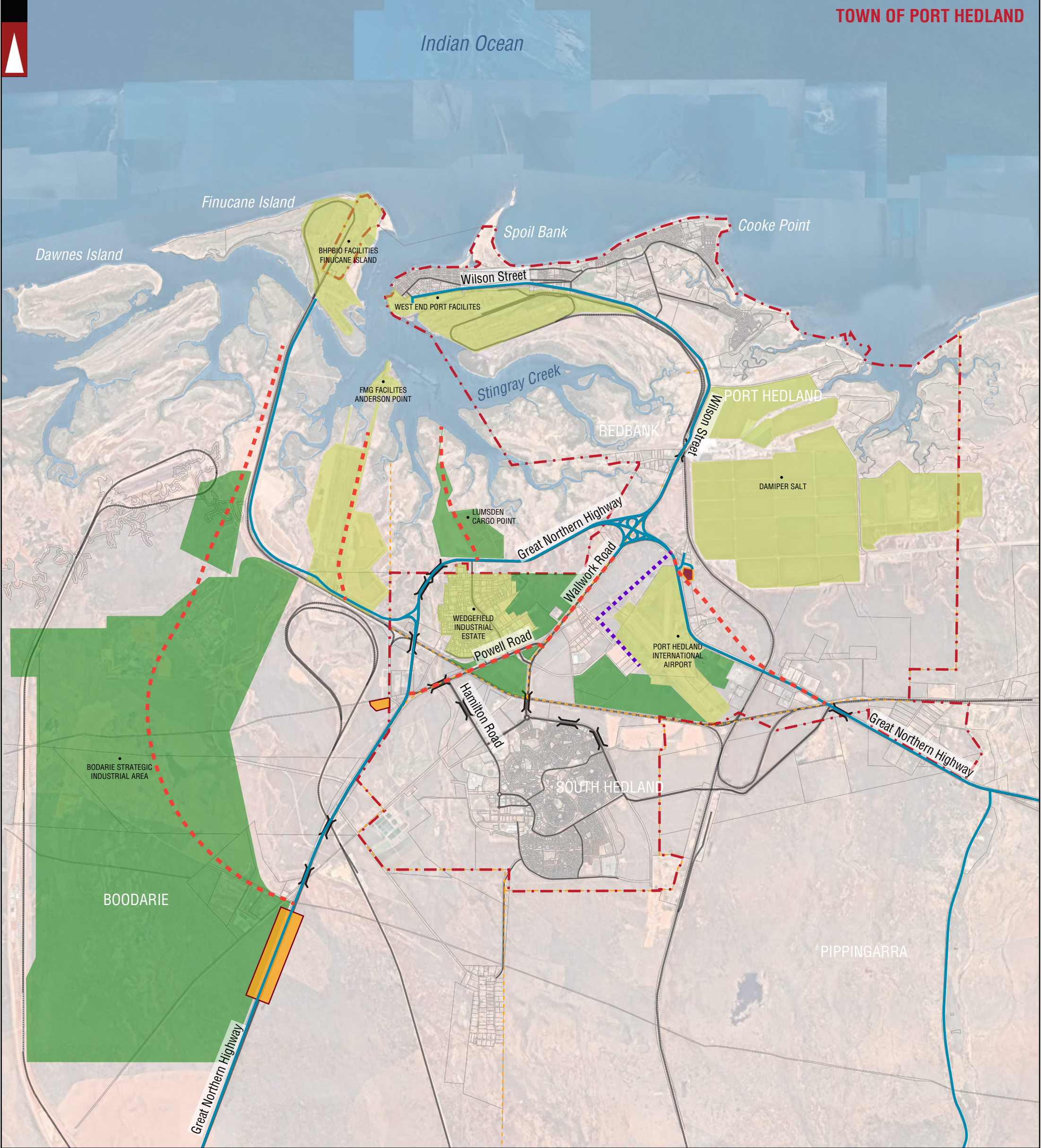
LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: GHN PROPOSED REALIGNMENT- TOWNSITE	A.N.
A	12-09-2019	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_ S10	
No	DATE	AMENDMENT		

PH: 08 9441 2700
WEB: www.kctt.com.au



Indian Ocean



TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME		ROAD		KEY EXISTING NODS		EXISTING OSOM ROUTE
	TOWNSITE BOUNDARY		STREET NAME		FUTURE DEVELOPMENTS		POTENTIAL OSOM ROUTE
	LOCALITY BOUNDARY		RAILWAY		EXISTING ROAD TRAIN ASSEMBLY AREA		POTENTIAL NEW RAV ROUTE
PORT HEDLAND	LOCALITY NAME		ROAD BRIDGE		POTENTIAL ROAD TRAIN ASSEMBLY AREA		

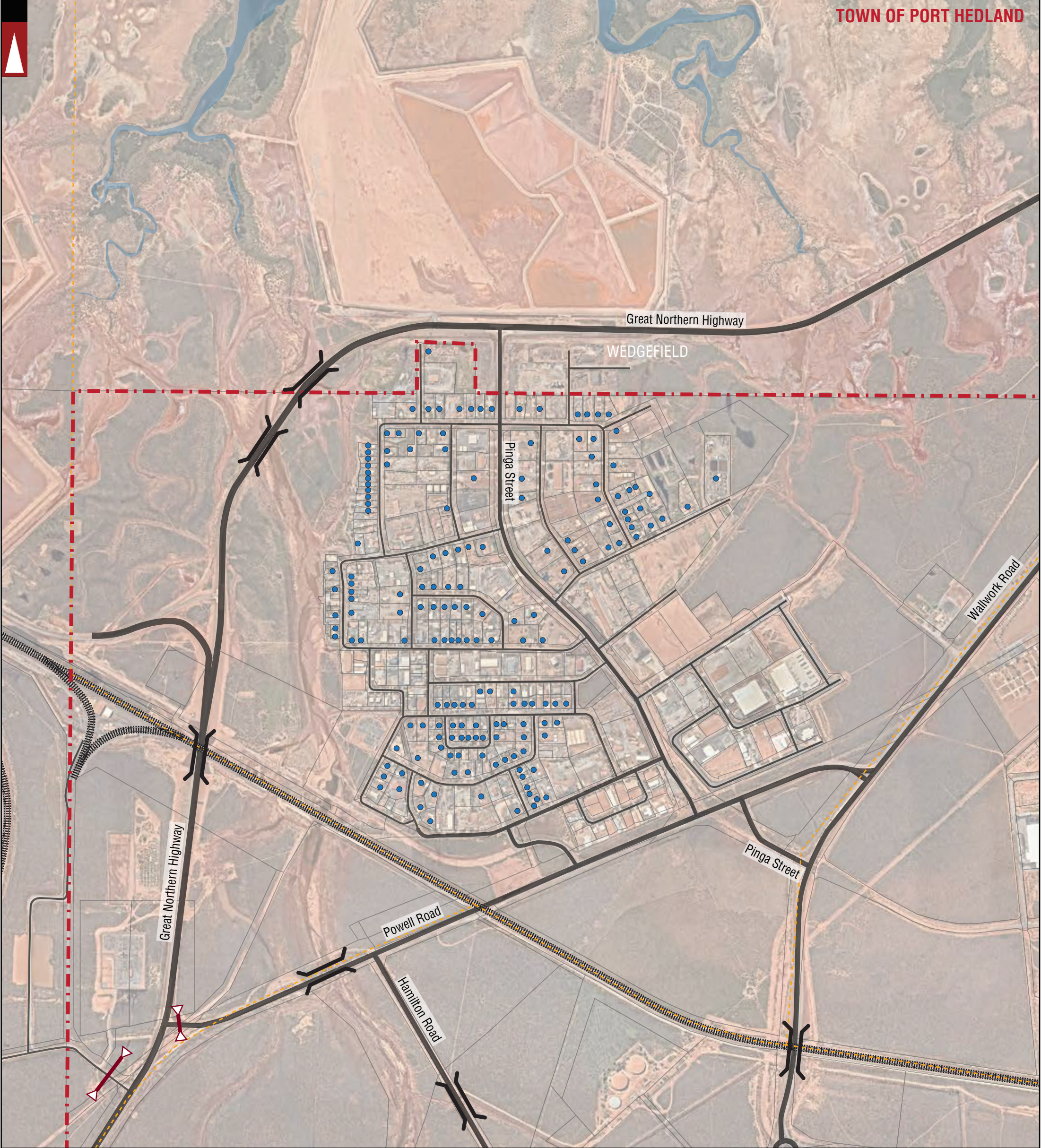
LEGEND

No	DATE	AMENDMENT
B	24-02-2020	AMENDED AS PER COMMENTS
A	21-10-2019	ISSUED FOR REVIEW

PROJECT:	TOWN OF PORT HEDLAND
TITLE:	OVERSIZE OVER MASS (OSOM) ROUTES
DRAWING NUMBER:	KC01000.000_S15

DRAWN BY:	Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
A.M.	PH: 08 9441 2700 WEB: www.kctt.com.au





TOWN OF PORT HEDLAND	LOCAL GOVERNMENT NAME	ROAD	CARETAKER'S DWELLINGS
	TOWNSITE BOUNDARY	WILSON STREET STREET NAME	
	LOCALITY BOUNDARY	RAILWAY	
PORT HEDLAND	LOCALITY NAME	ROAD BRIDGE	
		OVERHEAD POWER	

NOTE - CARETAKER'S DWELLINGS LOCATIONS SOURCED FROM A MAP PREPARED BY THE TOWN OF PORT HEDLAND.

LEGEND

			PROJECT: TOWN OF PORT HEDLAND	DRAWN BY: Civil & Traffic Engineering Consultants Suite 7 No 10 Whipple Street Balcatta WA 6021
			TITLE: CARETAKER'S DWELLINGS - WEDGEFIELD	A.M.
A	26-02-2020	ISSUED FOR REVIEW	DRAWING NUMBER: KC01000.000_ S16	
No	DATE	AMENDMENT		

PH: 08 9441 2700
 WEB: www.kctt.com.au

