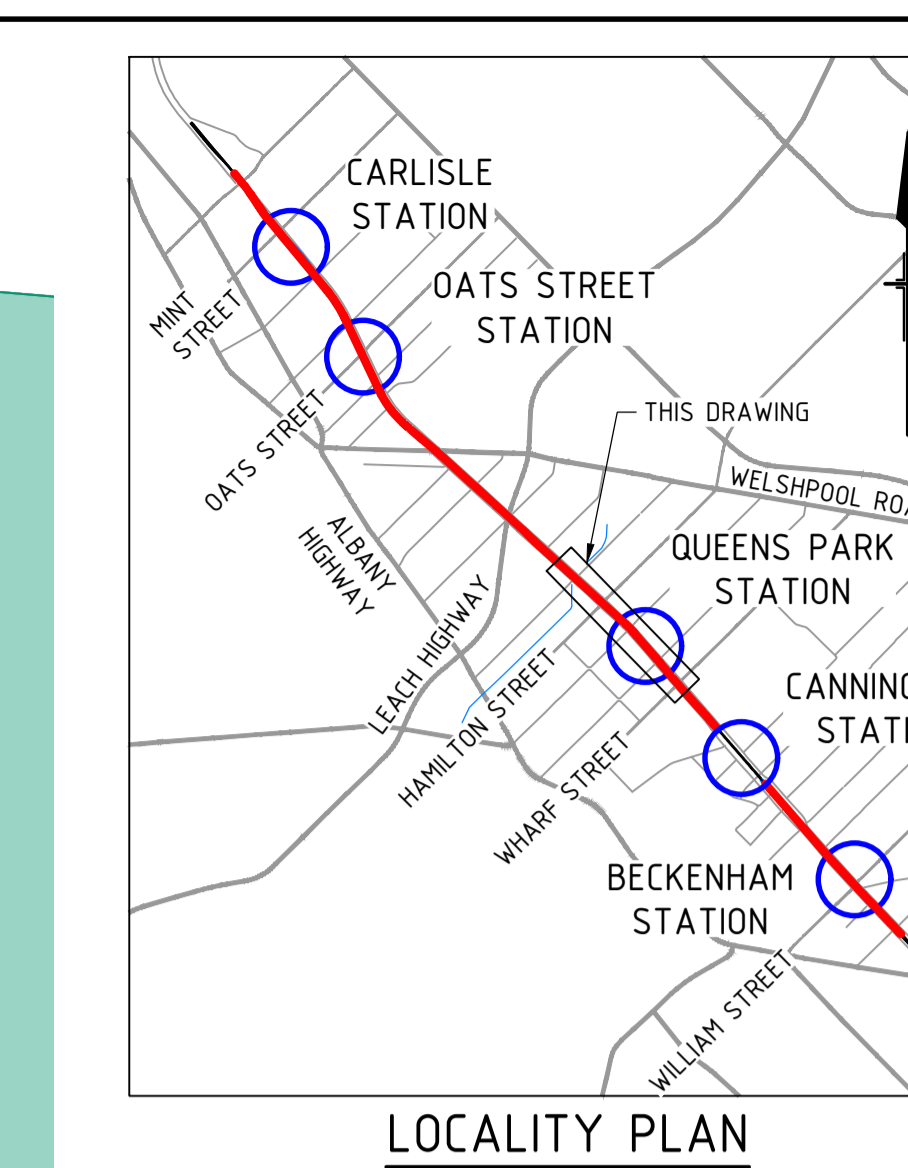
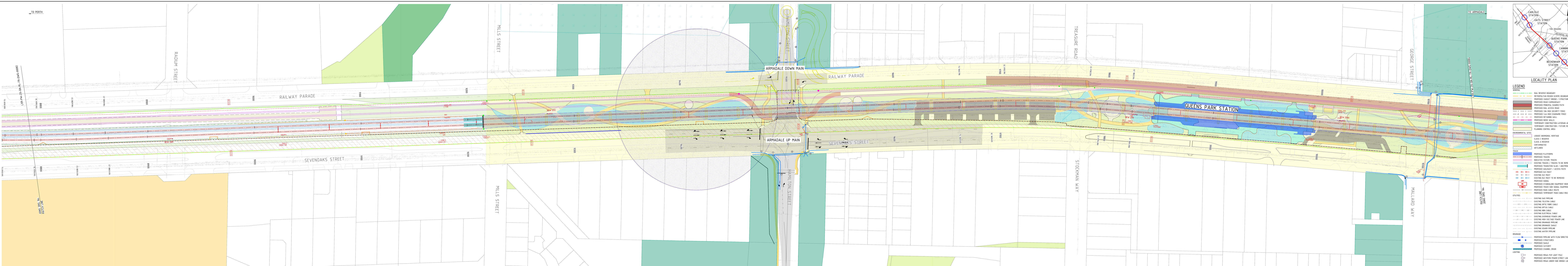


Appendix K – Services Alteration and Relocation Concept Plans



LEGEND

GENERAL

- RAIL RESERVE BOUNDARY
- METROPOLITAN REGION SCHEME BOUNDARY
- PROPOSED VADUET BRIDGE / STRUCTURE
- PROPOSED ROAD CARBONARY
- PROPOSED PRINCIPAL SHARED PATH
- PROPOSED RAIL ACCESS ROAD
- PROPOSED 1.8M HIGH SECURITY FENCE
- PROPOSED 1.4M HIGH CHANGWARE FENCE
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALLS
- TEMPORARY CONSTRUCTION LAYDOWN AREAS
- TEMPORARY CONSTRUCTION / FUTURE ROAD AREAS
- PLANNING CONTROL AREA

ENVIRONMENTAL SITES

- LOADED ABORIGINAL HERITAGE
- CLASS 2 RESERVE
- CLASS 3 RESERVE
- CONTAMINATED
- WETLANDS

TRACK

- PROPOSED PLATFORMS
- PROPOSED TRACKS
- INDICATIVE FUTURE TRACKS
- EXISTING TRACKS / TRACKS TO BE REMOVED
- PROPOSED TRANSITION SLAB / ABUTMENT
- PROPOSED WALKWAY / ACCESS PATH
- PROPOSED GLE MAST
- EXISTING GLE MAST
- EXISTING GLE MAST TO BE REMOVED
- PROPOSED SIGNAL
- PROPOSED STATIONLINE EQUIPMENT ROOM
- PROPOSED TRACK SIDE SIGNAL EQUIPMENT ROOM
- PROPOSED MAIN CABLE ROUTE
- PROPOSED TEMPORARY MAIN CABLE ROUTE

UTILITIES

- EXISTING GAS PIPELINE
- EXISTING ELECTRA CABLE
- EXISTING OPTIC FIBRE CABLE
- EXISTING OPTIC CABLE
- EXISTING NEW CABLE
- EXISTING ELECTRICAL CABLE
- EXISTING OVERHEAD POWER LINE
- EXISTING HIGH VOLTAGE POWER LINE
- EXISTING DRAINAGE PIPELINE
- EXISTING DRAINAGE SWALE
- EXISTING SEWER PIPELINE
- EXISTING WATER PIPELINE

DRAINAGE

- PROPOSED PIPELINE WITH FLOW DIRECTION
- PROPOSED STRUCTURES
- PROPOSED SWALE
- PROPOSED LATCHPIT
- PROPOSED CHANNEL DRAIN

LIGHTING

- PROPOSED PWVA PSP LIGHT POLE
- PROPOSED WESTERN POWER STREET LIGHT POLE
- PROPOSED PWVA UNDER SEE BRIDGE LIGHTING

ISSUED FOR INFORMATION

Government of Western Australia
Public Transport Authority

PROJECT WIDE QUALITY ASSURANCE

PTA Drawing No: **Rev: A101**

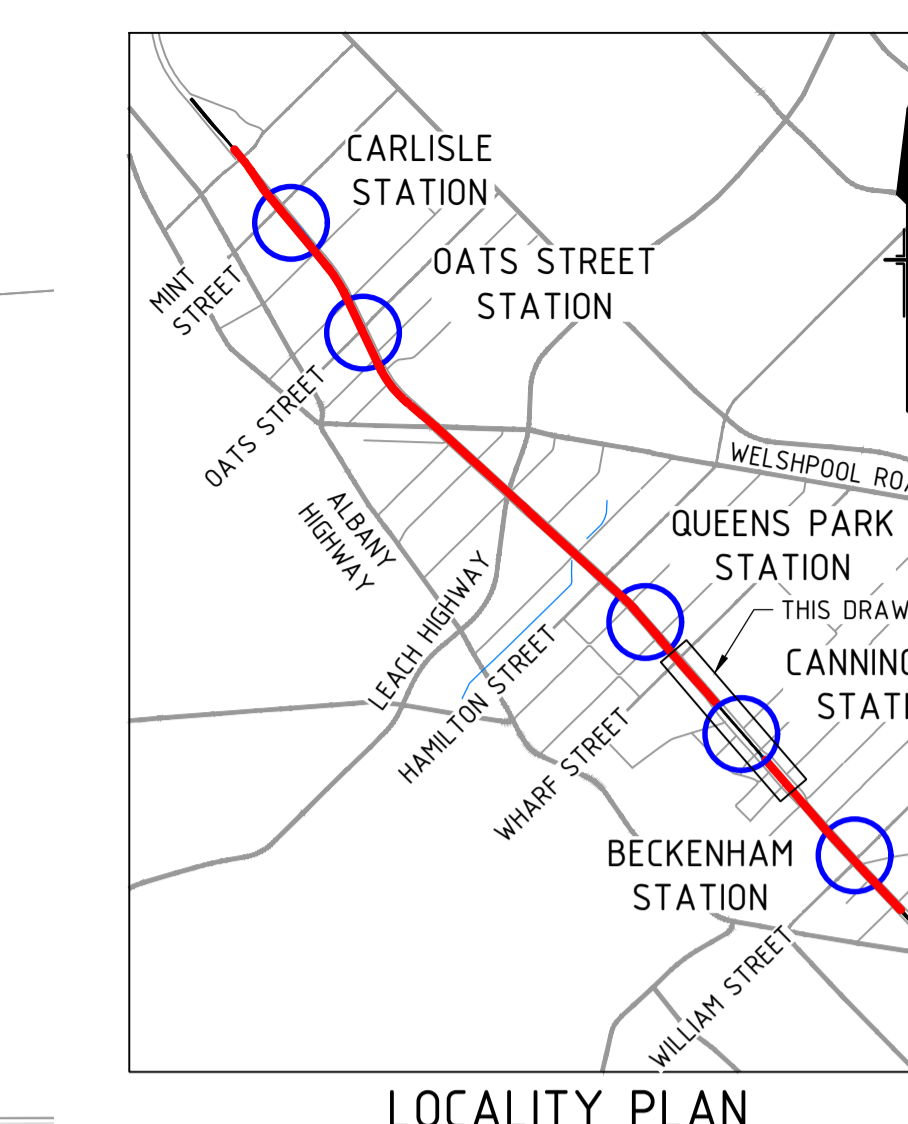
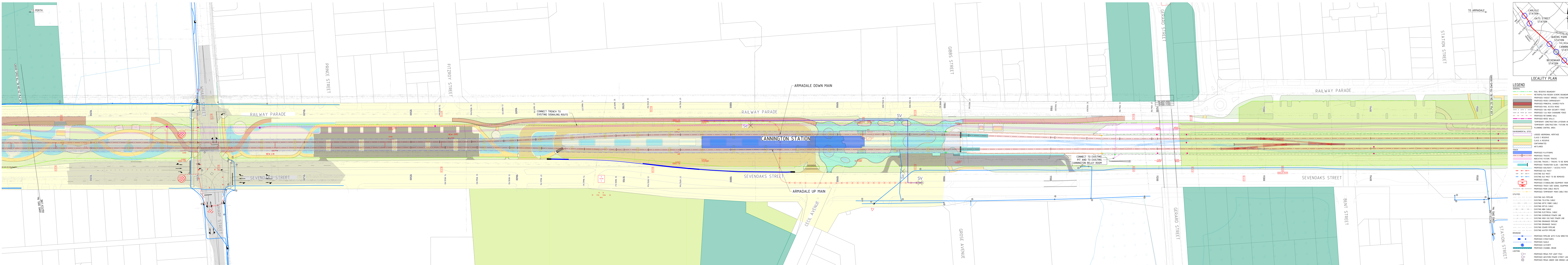
PROJECT DESIGN PACKAGE DETAILS		PROJECT DESIGN PACKAGE 1 (P1)		PROJECT DESIGN PACKAGE 2 (P2)		PROJECT DESIGN PACKAGE 3 (P3)		GENERAL NOTES	
PROJECT WIDE DESIGN PACKAGE (PW)		CIVIL - ROAD DESIGN		CIVIL - ROAD DESIGN		ENABLING WORKS - VICTORIA PARK TURNBACK		1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.	
STRUCTURES - WADUETS		CIVIL - LANDSCAPE, URBAN & PSP		CIVIL - CORRIDOR		ENABLING WORKS - CANNINGTON TURNBACK		2. DESIGN CHANGE DATUM IS SURVEYED 6M POST (UP MAIN)	
RAIL - SIGNALS & COMMUNICATIONS		STATIONS BUILDINGS - CARLISLE		STATIONS BUILDINGS - OATS ST		ENABLING WORKS - CANNINGTON TURNBACK		3. EXISTING TOPOGRAPHIC FEATURE & RAIL SURVEY SUPPLIED AND VERIFIED MAY 2022	
RAIL - TRACK		STATIONS BUILDINGS - CANNINGTON		STATIONS BUILDINGS - QUEENS PARK				4. RAIL RESERVE, LAYDOWN AND CONSTRUCTION AREAS AS SUPPLIED BY PTA OCTOBER 2021	
RAIL - MER		STATIONS CIVIL - CARLISLE STATION		STATIONS CIVIL - QUEENS PARK STATION				5. FUTURE TRACK SHOWN IS INDICATIVE ONLY	
		STATIONS CIVIL - OATS ST STATION		STATIONS CIVIL - CANNINGTON STATION				6. THIS IS A RESERVE DESIGN TRACK ALIGNMENT AND FURTHER INTERFACING WITH OTHER DESIGN DISCIPLINES IS REQUIRED AS PART OF THE DESIGN DEVELOPMENT.	
		STATIONS CIVIL - WELSHPOOL DEMOLITION							

REV	DATE	DESCRIPTION	BY	CHK	APP
A101	08.07.22	ISSUED FOR REFERENCE DESIGN	B.S.	R.C.	G.M.
A1	08.07.22	AMENDMENT	DSN	DRN	ENK

SCALE: 1:1000

ARMADALE LINE UPGRADE ALLIANCE
Innovation to Reality

Contractor No: LXR-PW-20-0M-RL-TG-DWG-00083



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ISSUED FOR INFORMATION

PROJECT WIDE DESIGN PACKAGE DETAILS PROJECT WIDE DESIGN PACKAGE (PW) STRUCTURES - VIADUCTS (DP01) RAIL - SIGNALS & COMMUNICATIONS (DP02) RAIL - TRACK (DP03) RAIL - MER (DP04)		PROJECT DESIGN PACKAGE 1 (P1) CIVIL - ROAD DESIGN (DP05) CIVIL - LANDSCAPE, URBAN & PSP (DP06) CIVIL - CORRIDOR (DP07) STATIONS BUILDINGS - CARLISLE (DP08) STATIONS BUILDINGS - CANNINGTON (DP09) STATIONS CIVIL - CARLISLE STATION (DP10) STATIONS CIVIL - OATS STATION (DP11) STATIONS CIVIL - WELSHPOOL DEMOLITION (DP12)		PROJECT DESIGN PACKAGE 2 (P2) CIVIL - ROAD DESIGN (DP13) CIVIL - CORRIDOR (DP14) CIVIL - LANDSCAPE, URBAN & PSP (DP15) STATIONS BUILDINGS - QUEENS PARK (DP16) STATIONS BUILDINGS - CANNINGTON (DP17) STATIONS CIVIL - QUEENS PARK STATION (DP18) STATIONS CIVIL - CANNINGTON STATION (DP19)		PROJECT DESIGN PACKAGE 3 (P3) ENABLING WORKS - VICTORIA PARK TURNBACK (DP20) ENABLING WORKS - CANNINGTON TURNBACK (DP21) ENABLING WORKS - CANNINGTON TURNBACK (DP22)		GENERAL NOTES 1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. 2. DESIGN CHANGE DATUM IS SURVEYED 6M POST (UP MAIN) 3. EXISTING TOPOGRAPHIC FEATURE & RAIL SURVEY SUPPLIED AND VERIFIED MAY 2022 4. RAIL RESERVE LAYDOWN AND CONSTRUCTION AREAS AS SUPPLIED BY PTA OCTOBER 2021 5. FUTURE TRACK SHOWN IS INDICATIVE ONLY 6. THIS IS A RESERVE DESIGN TRACK ALIGNMENT AND FURTHER INTERFACING WITH OTHER DESIGN DISCIPLINES IS REQUIRED AS PART OF THE DESIGN DEVELOPMENT.		<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>ISSUED FOR REFERENCE DESIGN</th> <th>BS</th> <th>RC</th> <th>GM</th> <th>SS</th> </tr> <tr> <td>A1</td> <td>08.01.22</td> <td>ISSUED FOR REFERENCE DESIGN</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		REV	DATE	ISSUED FOR REFERENCE DESIGN	BS	RC	GM	SS	A1	08.01.22	ISSUED FOR REFERENCE DESIGN							<table border="1"> <tr> <th>DESIGNED</th> <td>B. SHOLER</td> </tr> <tr> <th>DRAWN</th> <td>R. COLELLA</td> </tr> <tr> <th>CHECKED</th> <td>G. METE</td> </tr> <tr> <th>APPROVED</th> <td>S. SARENAC</td> </tr> <tr> <th>DATE</th> <td>08.01.22</td> </tr> </table>		DESIGNED	B. SHOLER	DRAWN	R. COLELLA	CHECKED	G. METE	APPROVED	S. SARENAC	DATE	08.01.22	<table border="1"> <tr> <th>SCALE</th> <td>NA</td> </tr> <tr> <th>DATUM</th> <td></td> </tr> <tr> <th>HORIZONTAL:</th> <td></td> </tr> <tr> <th>VERTICAL:</th> <td></td> </tr> </table>		SCALE	NA	DATUM		HORIZONTAL:		VERTICAL:		<table border="1"> <tr> <th>REFERENCES</th> <td></td> </tr> <tr> <th>SCALE</th> <td></td> </tr> <tr> <th>DESIGNED</th> <td>B. SHOLER</td> </tr> <tr> <th>DRAWN</th> <td>R. COLELLA</td> </tr> <tr> <th>CHECKED</th> <td>G. METE</td> </tr> <tr> <th>APPROVED</th> <td>S. SARENAC</td> </tr> <tr> <th>DATE</th> <td>08.01.22</td> </tr> </table>		REFERENCES		SCALE		DESIGNED	B. SHOLER	DRAWN	R. COLELLA	CHECKED	G. METE	APPROVED	S. SARENAC	DATE	08.01.22	<table border="1"> <tr> <th>PROJECT WIDE QUALITY ASSURANCE</th> <td></td> </tr> <tr> <th>SYSTEM COORDINATION PLAN - SHEET 5 OF 6</th> <td></td> </tr> <tr> <th>PTA Drawing No:</th> <td>Rev: A101</td> </tr> </table>		PROJECT WIDE QUALITY ASSURANCE		SYSTEM COORDINATION PLAN - SHEET 5 OF 6		PTA Drawing No:	Rev: A101
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