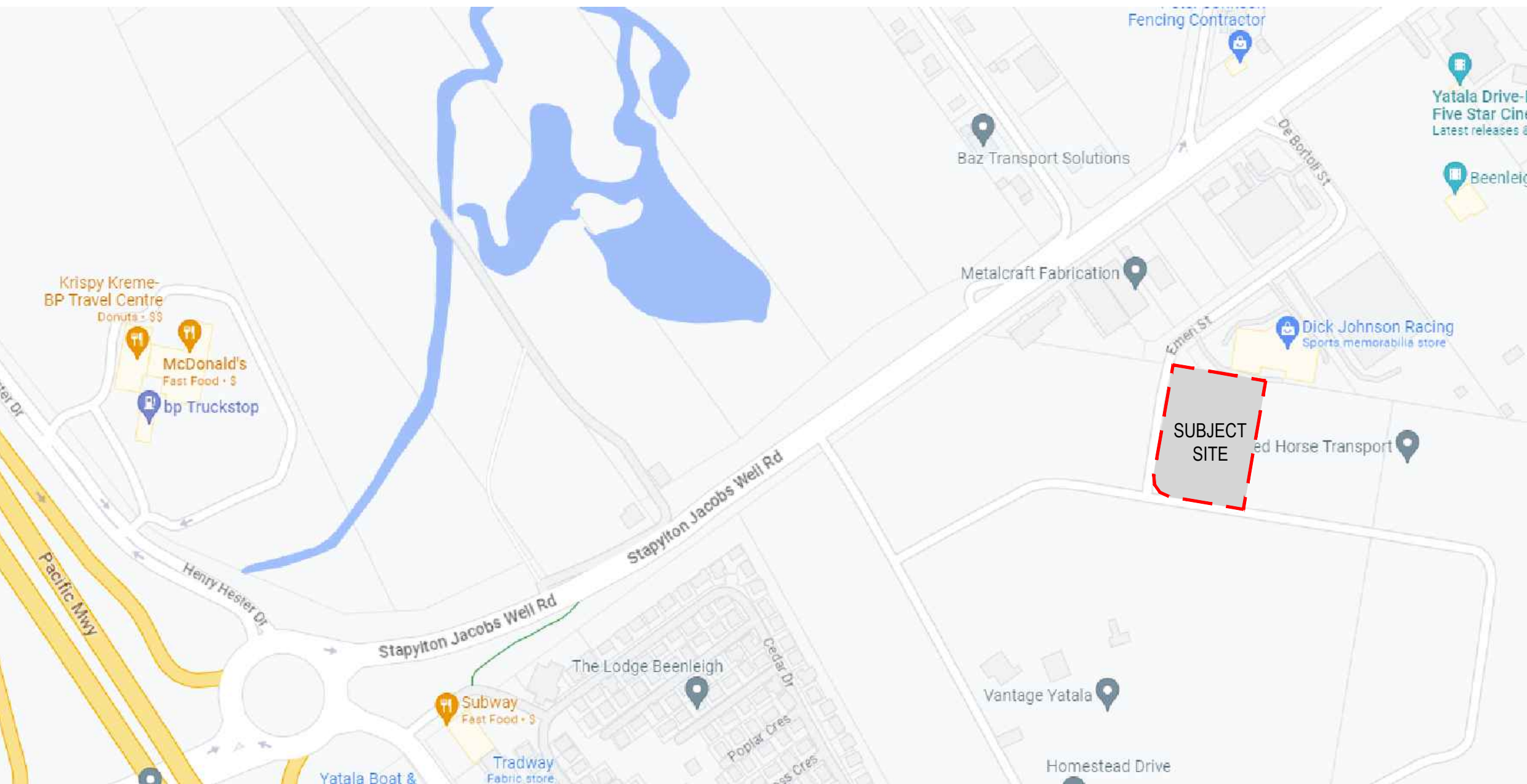
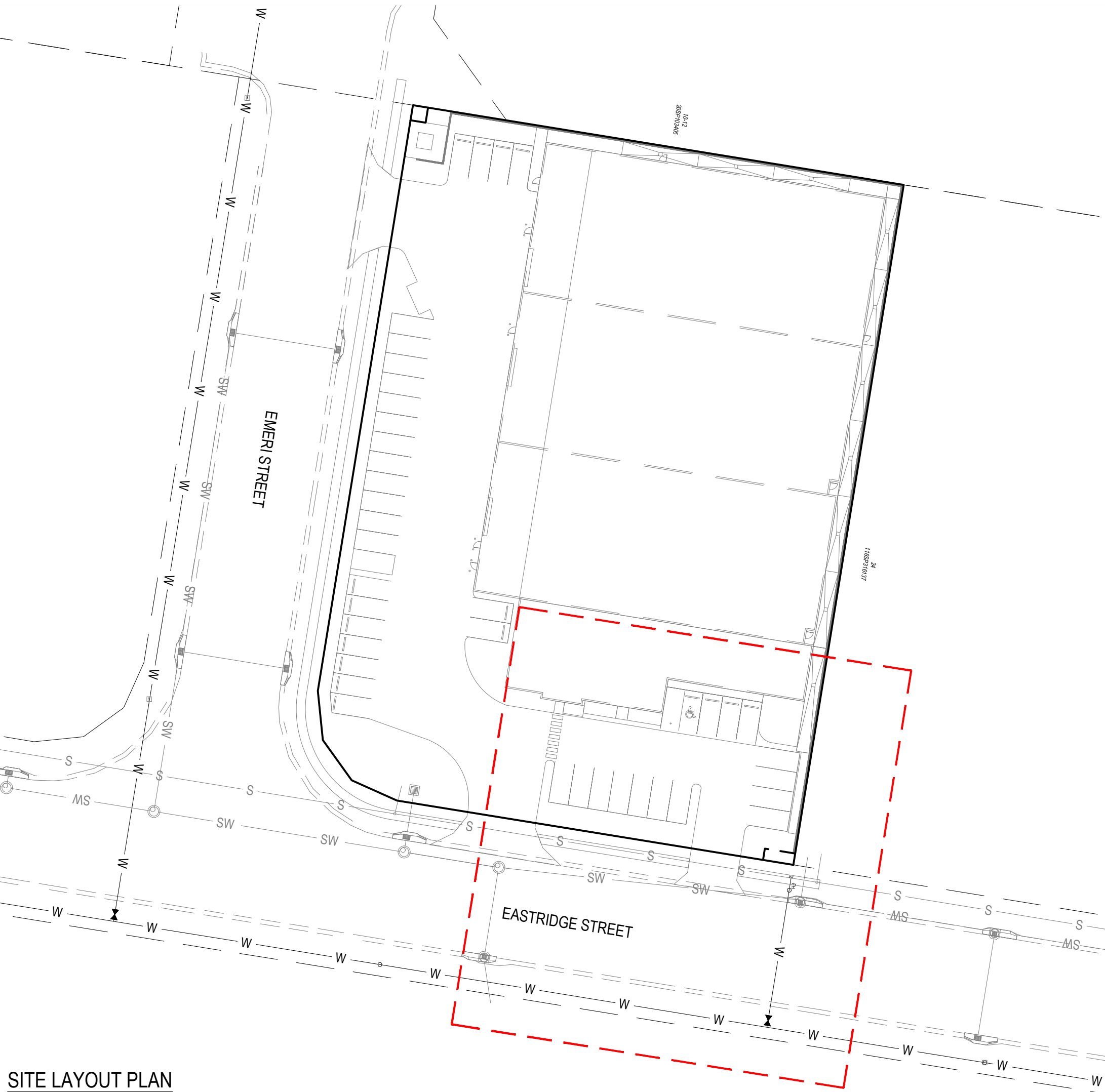
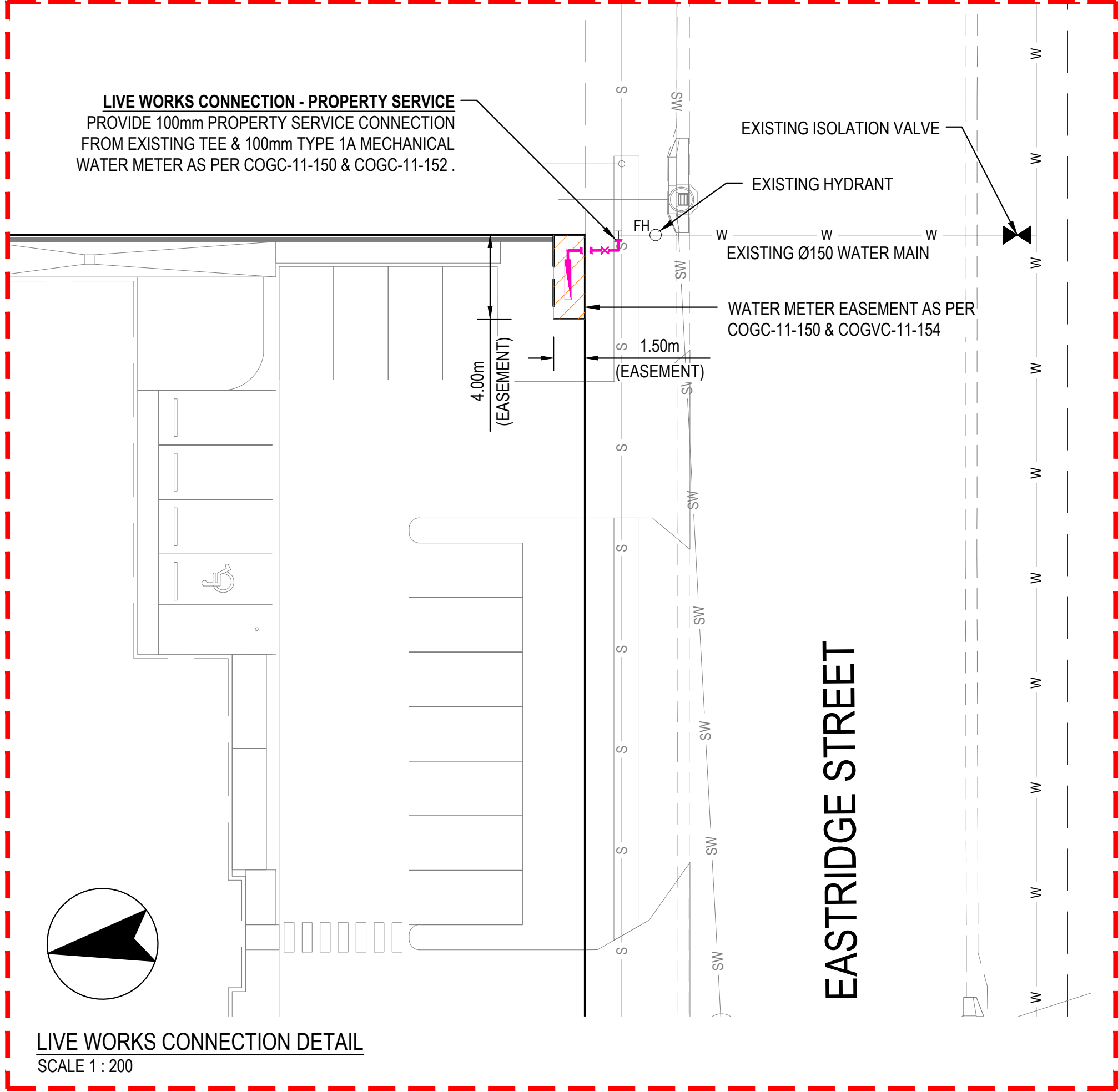




LOCALITY PLAN
NOT TO SCALE



SITE LAYOUT PLAN
SCALE 1 : 500



LIVE WORKS CONNECTION DETAIL
SCALE 1 : 200

LEGEND	
	PROPOSED WATER SERVICE
	PROPOSED WATER METER
	PROPOSED EASEMENT
	EXISTING WATER MAIN
	EXISTING FIRE HYDRANT

ASSET REGISTER - WATER RETICULATION					
ESTATE / SITE					
SITE ADDRESS		20 EASTRIDGE STREET, STAPYLTON			
FILE / APPLICATION					
SP DELEGATES APP. DATE					
CLIENT		AGROBEST AUSTRALIA Pty Ltd			
DRAWING / PLAN NO.		C401			
MAINS	DIAMETER	MATERIAL DESIGN	MATERIAL CONST.	LENGTH DESIGN	LENGTH CONST.
	-	-	-	-	-
SERVICES	DIAMETER	MATERIAL DESIGN	MATERIAL CONST.	LENGTH DESIGN	LENGTH CONST.
	100mm	DICL	-	2.0m	-
METERS	DIAMETER	NUMBER			
	100mm	1	-		

GENERAL NOTES

- ALL ENVIRONMENTAL PROTECTION MEASURES SHALL BE IMPLEMENTED PRIOR TO COMMENCEMENT OF WORKS INCLUDING CLEARING OF WORK AREA.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND WATER SUPPLY CODE SPECIFICATIONS AND STANDARDS.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
- ALL MATERIALS USED IN THE WORKS SHALL COMPLY WITH THE SEQ-SP's ACCEPTED PRODUCTS AND MATERIALS LIST OR BE APPROPRIATELY SHOWN, LISTED AND DEFINED IN THE ENGINEERING SUBMISSION SO THAT THE ALTERNATIVE PRODUCT OR MATERIAL CAN BE ASSESSED AND IF APPROPRIATE, APPROVED BY THE SEQ-SP.
- THE CONSTRUCTION OF THE WATER RETICULATION WORK SHOWN ON THIS DRAWING MUST BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT TO THE RETICULATION SYSTEM.

CONTRACTOR ACCREDITATION

- DURING ANY CONSTRUCTION ACTIVITY AT LEAST ONE PERSON ON SITE MUST HAVE COMPLETED A PIPE LAYING TRAINING COURSE APPROVED BY THE PIPE SUPPLIER OR MANUFACTURER AND APPROPRIATE TO THE PIPELINE UNDER CONSTRUCTION. THE TRAINING COURSE MUST HAVE BEEN COMPLETED WITHIN THE LAST TEN YEARS.
- THE CONTRACTOR SHALL PROVIDE DOCUMENTED EVIDENCE OF ACCEPTABLE QUALIFICATIONS

CONSTRUCTION NOTES

- PRIOR TO ANY EXCAVATION, CONTRACTOR IS TO LOCATE ACTUAL POSITIONS OF PUBLIC SERVICE UTILITIES BY SPOT HOLES.
- UPON COMPLETION OF ALL WORKS, CONTRACTORS SHALL SUPPLY THE SUPERVISING RPEQ DETAILED 'AS CONSTRUCTED' INFORMATION OF THE WORK. 'AS CONSTRUCTED' INFORMATION SHALL COMPLY WITH CURRENT SEQ CODE OR LOCAL AUTHORITY STANDARDS FOR PLAN AND DIGITAL INFORMATION.
- CONSTRUCT EMBEDMENT AND TRENCHFILL TO SEQ-WAT-1200-2, 1201-1 TO SEQ-WAT-1204-1 (TYPE D SUPPORT) AND GOLD COAST CITY COUNCIL STANDARDS.

- CONSTRUCT THRUST BLOCKS ON ALL VALVES, BENDS, TEES, TAPERS, DEAD ENDS, AND TRANSITIONS TO UNRESTRAINED PIPEWORK TO SEQ-WAT-1205-1 AND 1206-1.
- INSTALL DETECTABLE MARKER TAPE ON ALL WATER MAINS AND PROPERTY SERVICES.
- CONSTRUCT FIRE HYDRANTS AND STOP VALVES TO SEQ-WAT-1301-1, 1302-1, 1303-2, 1305-1, 1306-1 AND 1409-1.
- INSTALL PAVEMENT MARKERS TO SEQ-WAT-1300-1 AND 1300-2.
- ALL DICL PIPE AND FITTINGS TO BE SLEEVED OR RE-SLEEVED WITH POLYETHYLENE SLEEVING OR PETROLEUM TAPE SYSTEM IN ACCORDANCE WITH AS3681. TWO THICKNESSES REQUIRED BETWEEN FITTINGS AND THRUST BLOCK.
- WRAP FLANGES AND BOLTS WITH WITH A PETROLEUM TAPE SYSTEM IN ACCORDANCE WITH SEQ-WAT-1313.
- DICL FITTINGS SHALL BE FBE COATED AND LINED.
- USE GASKETS IN ACCORDANCE WITH CODE FOR ALL FLANGED CONNECTIONS.
- MARKERS FOR PROPERTY SERVICES SHALL BE IN ACCORDANCE WITH SEQ-WAT-1106 TO 1108. MARKERS FOR WATER MAIN ROAD CROSSINGS, HYDRANTS AND VALVES SHALL BE IN ACCORDANCE WITH SEQ-WAT-1300-1.

LIVE WORKS NOTES

- EXISTING ROAD CROSSING TO BE ISOLATED AT EXISTING ISOLATION VALVE AND DRAINED.
- EXISTING TEE TO BE LOCATED, EXPOSED AND CAP REMOVED.
- MAKE GOOD CONNECTION TO EXISTING TEE.

SOIL

- TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.
- CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.
- IF ACID SULPHATE SOILS EXIST IN THE WORKS AREA THE OUTPUTS FROM THE RISK ASSESSMENT BASED ON THE QUEENSLAND ACID SULPHATE SOIL TECHNICAL MANUAL SHALL BE ADHERED TO.

REHABILITATION

- SAW CUT EXISTING FOOTPATH AT EXISTING JOINT LOCATIONS AND REMOVE AS NECESSARY.
- REINSTATE FOOTPATH, VERGE AND TURFING AS REQUIRED TO COGC STANDARD.

- PRE-DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
- PRE-DISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED.
- ALL DISTURBED AREAS ASSOCIATED WITH CONSTRUCTION SHALL BE REHABILITATED. HEAVILY COMPACTED AREAS SHOULD BE RIPPED PRIOR TO TREATMENT
- ALL DISTURBED AREAS ARE TO BE LEFT IN STABLE CONDITION
- ALL PLANTING / RE-VEGETATION WILL NEED TO BE MAINTAINED THROUGHOUT THE MAINTENANCE PERIOD.

WORKPLACE HEALTH AND SAFETY

- ALL CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION BY PHONE ON 1300 362 128.

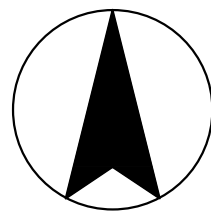
SCALE 1 : 200 (m)

NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
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B	ISSUE FOR APPROVAL	04.12.23	JM				
COPYRIGHT: This drawing is copyright and the property of the consultants and must not be retained, copied or used without their authority. DIMENSIONS: Verify all dimensions on site before commencing any work. Take figured dimensions in preference to scaled dimensions.				DESIGNED:	DRAWN:	VERIFIED:	APPROVED:
				JM	JM	EH	
							RPEQ. 2331 DATE: 04.12.2023
							SIZE OF LAND: 5,805M ²



ALTO CONSULTING ENGINEERS PTY. LTD.
ACN: 650 107 403
Level 9, 316 Adelaide Street
Brisbane QLD 4000
+61 7 3839 3366
www.altoeng.com.au
admin@altoeng.com.au

NORTH:



SCALE: 1:200 (m)

CLIENT:

AGROBEST AUSTRALIA PTY LTD
PROJECT: PROPOSED INDUSTRIAL DEVELOPMENT AT LOT 115 EMERI STREET, STAPYLTON
TITLE: WATER CONNECTION LAYOUT PLAN

ORIG. DRG. SIZE

A1

PROJECT NO.

B22-314

DRAWING NO.

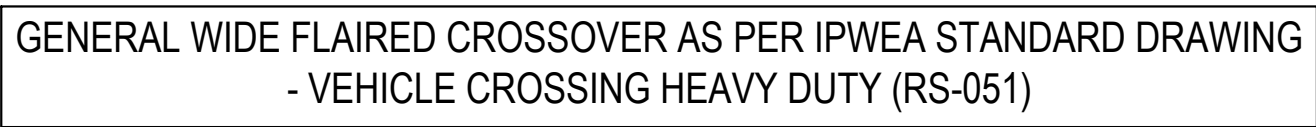
C401

REVISION:

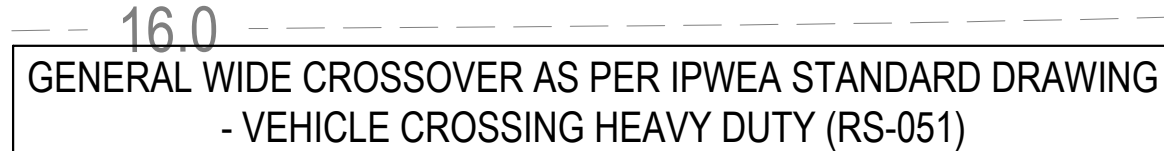
B

APPROVAL

- ALL GRADES AS PER (IPWEA STANDARD DRAWING RS-051 TYPICAL SECTION - CHANNEL RETAINED)
- ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE



EMERI STREET CROSSOVER C1



EASTRIDGE STREET CROSSOVER C3



EASTRIDGE STREET CROSSOVER C2



KEY PLAN
1:500 (A1)

NO.		DESCRIPTION		DATE	BY	NO.	DESCRIPTION		DATE	BY	 aito CONSULTING ENGINEERS IMAGERY, CADASTRAL AND SURVEY DATA DISCLAIMER "While every care is taken by Alto Consulting Engineers Pty. Ltd. to ensure the accuracy of the data supplied by Local Authorities, Data Before You Dig (DBYD) Records, As Constructed information and detailed Survey, we make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which may be incurred as a result of data being inaccurate or incomplete in any way and for any reason. <tr><td>A</td><td>APPROVAL</td><td>11.12.23</td><td>JMo</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="2">COPYRIGHT: This drawing is copyright and the property of the consultants and must not be retained, copied or used without their authority</td><td>DESIGNED:</td><td>DRAWN:</td><td>VERIFIED:</td><td colspan="2">APPROVED:</td><td>RPEQ.</td><td>DATE:</td><td colspan="2">SIZE OF LAND:</td></tr> <tr><td colspan="2"></td><td>JMo</td><td>JMo</td><td>EH</td><td colspan="2"></td><td>2331</td><td>11.12.2023</td><td colspan="2">5,805M²</td></tr>	A	APPROVAL	11.12.23	JMo																																									COPYRIGHT: This drawing is copyright and the property of the consultants and must not be retained, copied or used without their authority		DESIGNED:	DRAWN:	VERIFIED:	APPROVED:		RPEQ.	DATE:	SIZE OF LAND:				JMo	JMo	EH			2331	11.12.2023	5,805M²	
A	APPROVAL	11.12.23	JMo																																																																										
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		JMo	JMo	EH			2331	11.12.2023	5,805M²																																																																				

NORTH:		CLIENT: AGROBEST AUSTRALIA PTY LTD			
		PROJECT: PROPOSED INDUSTRIAL DEVELOPMENT AT LOT 115 EMERI STREET, STAPYLTON			
		TITLE: VEHICLE CROSSOVER DETAILS			
SCALE:		ORIG. DRG. SIZE	PROJECT NO.		DRAWING NO.
1:50 (m)		A1	B22-314		C601
					REVISION: A

APPROVAL