

DESIGN HAZARD SCHEDULE

ITEM	DESIGN HAZARD	POTENTIAL HAZARD	RISK *	ELIMINATION / MINIMISATION OF HAZARD / RISK	RESIDUAL RISK
D1	Embankment and Slope Stability Hazard	Allotments have been benched for house pads which have created steep embankments greater than 1m high.	Moderate	Batters between pads are no steeper than 1V on 2H to be consistent with geotechnical advice.	Low
D2	Deep Excavation Hazard	Deep excavation is required to install sewer to service structure.	High	The deep excavation hazard cannot be avoided and the contractor will need to take all actions necessary to address this hazard during construction.	Moderate

^{* -} Refer to Risk Analysis notes below for assessment of risk.

CONSTRUCTION HAZARD SCHEDULE

ITEM	POTENTIAL HAZARD	POSSIBLE PREVENTATIVE ACTION
C1	Deep Excavation Hazard	All steps must be taken to obtain current underground services information before excavation works commence. Excavation work must be undertaken by appropriately experienced and qualified personnel. Excavations shall be adequately shored and appropriate barricades and signage erected, if required.
C2	Underground Electrical, Telecommunication, Gas and Water Main Hazard	Warning signs and markers shall be erected advising of the presence of the existing service. The service shall be identified and marked by the supply authority prior to the commencement of excavation. A representative of the supply authority shall remain on site during the excavation work, if required.
C3	Pedestrian Access Hazard	Work within or adjacent to areas which the public requires pedestrian access must have appropriate barricades and signage erected at all times.
C4	Potential Vehicle Hazard	Site personnel shall be advised of the potential hazards and the appropriate procedures for working adjacent to operating public roads. Appropriate safety clothing shall be worn and the required signage shall be erected. The works shall be undertaken in a manner which does not compromise the safety of the vehicle occupants or the site personnel.
C5	Demolition and Clearing Hazard	Suitable qualified and experienced personnel shall be responsible for the demolition and clearing works for the project at all times. The contractors work method statement shall also give consideration to falling debris, collapse and dangerous airborne agents.
C6	Traffic Management Hazard	Suitable qualified and experienced personnel shall be responsible for the safe and orderly passage of vehicular and pedestrian traffic through or on site at all times. The contractor shall develop a Traffic Management Plan (TMP) for the project to establish appropriate controls in accordance with the manual for uniform traffic control.
C7	Potential Rock Fall	Land above the site has been cleared and some earthworks has been undertaken creating a potential rock fall hazard. Suitable personnel shall be responsible for identifying any potential hazard and the contractor shall take appropriate action to eliminate the hazard.

LIKELIHOOD TABLE

LEVEL	DESCRIPTION	QUANTIFICATION GUIDE
A - ALMOST CERTAIN	THE EVENT IS EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES	MORE THAN ONCE PER YEAR
B - LIKELY	THE EVENT WILL PROBABLY OCCUR IN MOST CIRCUMSTANCES	AT LEAST ONCE IN 5 YEARS
C - POSSIBLE	THE EVEN T SHOULD OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
D - UNLIKELY	THE EVENT COULD OCCUR AT SOME TIME	AT LEAST ONCE IN 30 YEARS
E - RARE	THE EVENT MAY OCCUR IN EXCEPTIONAL CIRCUMSTANCES	LESS THAN ONCE IN 30 YEARS

RISK EVALUATION TABLE

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RISK LEVEL	ACTION REQUIRED				
EXTREME	UNACCEPTABLE RISK. RE-DESIGN REQUIRED. DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS.				
HIGH	UNACCEPTABLE RISK. ADDITIONAL CONTROLS NEEDED. CONSIDER FURTHER REVIEW AND CONSIDER RE-DESIGN				
MODERATE	RISK MAY BE ACCEPTABLE. MANAGEMENT TO DETERMINE ACTIONS REQUIRED				
LOW	ACCEPTABLE. MANAGE RISK THROUGH ROUTINE PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS				

CONSEQUENCE TABLE

LEVEL	CONSEQUENCE	COST/TIME				
5 - CATASTROPHIC	FATALITY OR MULTIPLE PERSONS ONSITE WITH LIFE THREATENING HEALTH EFFECT OR INABILITY TO CONTINUE	HUGE FINANCIAL OR TIME LOSS				
4 - MAJOR	EXTENSIVE INJURIES, OR ONSET OF SEVERE OR LIFE THREATENING HEALTH EFFECT TO SINGLE PERSON ONSITE. MULTIPLE PERSONS WITH ONSET OF IRREVERSIBLE HEALTH EFFECTS. PREMANENT INJURT TO PERSON INSITE.	MAJOR FINANCIAL OR TIME LOSS				
3 - MODERATE	MEDICAL TREATMENT REQUIRED. IRREVERSIBLE HEALTH EFFECT TO A SINGLE PERSON. MULTIPLE PERSONS ONSITE WITH REVERSIBLE HEALTH EFFECTS.	HIGH FINANCIAL OR TIME LOSS				
2 - MINOR	FIRST AID, SINGLE OR MULTIPLE INJURIES AMONGST PERSONS ONSITE. SINGLE PERSON ONSITE WITH MODERATE SHORT TERM REVERSIBLE HEALTH EFFECTS.	MEDIUM FINANCIAL OR TIME LOSS				
1 - INSIGNIFICANT	NO INJURIES. OVER EXPOSURE TO A SINGLE PERSON ONSITE, BUT NO REPORTED HEALTH EFFECTS.	LOW FINANCIAL OR TIME LOSS				

RISK ANALYSIS MATRIX

	RISK AWALTSIS WATRIA							
				CONSEQUENCES				
		1 - INSIGNIFICANT	2 - MINOR	3 - MODERATE	4 - MAJOR	5 - CATASTROPHIC		
0	A - ALMOST CERTAIN	MODERATE	HIGH	EXTREME	EXTREME	EXTREME		
LIHOOD	B - LIKELY	MODERATE	HIGH	HIGH	EXTREME	EXTREME		
	C - POSSIBLE	LOW	MODERATE	HIGH	EXTREME	EXTREME		
풀	D - UNLIKELY	LOW	LOW	MODERATE	HIGH	EXTREME		
_	E - RARE	LOW	LOW	MODERATE	HIGH	HIGH		

Note - Refer to Likelihood, Consquence and Risk Evaluation tables for assessment of risk level

DESIGN HAZARD NOTES:

- UDP Consulting Engineers, having been commissioned to carry out detailed design and documentation of these Works, confirm that the UDP drawing set has been internally reviewed for Design Safety in accordance with section 22 of the Work Health and Safety Act 2011 QLD.
- This report summarises an internal review of UDP's detailed design drawings for design safety.
- 3. This report in no way relieves the Principal, Contractor or any other party of their own obligations and responsibilities under the Work Health and Safety Act 2011 QLD, including (but not limited to) consultation with the Designer under Section 294 of the Act, the preparation of satisfactory Safe Work Method Statements and Duties of Care
- It is a requirement under Section 296 of the Work Health and Safety Act 2011 Qld, that a copy of this Report be provided to the Contractor by the entity commissioning the work shown of the UDP drawings.
- As per the Department of Justice and the Attorney-General- Workplace Health and Safety Queensland, a written report is not required for designs that have typical features.

CONSTRUCTION HAZARD NOTES:

1. Under the Queensland Work Health and Safety Act 2011, the Work Health and Safety Regulation 2011 and other legislation and guidelines, the Principal Contractor has specific obligations in relation to the safe operation of the site and of the Works. To assist the Principal Contractor in complying with these obligations the Project Designers have identified by Drawing Notes, areas where potential hazards may arise. These notes or advice, shall not necessarily be considered complete and are based upon the Designers' understanding of the safety risks associated with the works.

These notes or advice shall not relieve the Principal Contractor of any obligation under the relevant legislation or guideline. The Principal Contractor shall remain responsible for the preparation of an appropriate Work Health Safety Management Plan and Safe Work Method Statements for the site.

Pursuant to the Work Health and Safety Act 2011 we hereby advise that our design safety review has identified unusual or atypical design features that may present additional hazards or risks during the construction phase and these are listed in the CONSTRUCTION HAZARD SCHEDULE.

CONSTRUCTION ISSUE



to be verified before commencing any work.

REAL PROPERTY DESCRIPTION:
CANCELLING LOT 2 ON RP800747

DRAWN: J.THORSEN	DATUM: OPM 98041	AHD
DESIGNED:		
R.STAER	E=62755.297	
	N=94110.461	
CHECKED:		
P.PETERSEN	RL.15.20	
PROJECT MANAGER:	PROJECT DIRECTOR:	
P.PETERSEN RPEQ 13231	R.PERKINS	



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ELEMENTS NQ PTY LTD

THE ORCHARD STAGE 2A1, 2B & 2C1
DARLING ROAD, JENSEN
SAFETY IN DESIGN

RAWING SIZE	SCALE _	DRAWING No.
A1	XREF _	ELE-0004-C02

 1
 17/03/17
 ISSUED FOR OPERATIONAL WORKS APPROVAL

 EV.
 DATE
 REVISIONS

 UJUOB DATAILE-0004/ENGINEERING DESIGN/DRAWINGSIELE-0004/02-SAFETY IN DESIGN DWG

A 27/03/19 ISSUED FOR CONSTRUCTION

2 09/10/17 LOT LAYOUT REVISED





POMELO STREET GEOMETRY TABLE							
POINT	CHAINAGE	EASTING	NORTHING	BEARING	SEGMENT	RADIUS	LENGTH
EOB	311.770	62508.643	94253.289	275°11'09.60"	LINE		15.242
TC	327.012	62493.463	94254.666	275°11'09.60"	ARC	-30.000	19.418
CT	346.431	62474.898	94250.258	238°05'56.40"	LINE		21.557
TC	367.987	62456.597	94238.867	238°05'56.40"	ARC	30.000	19.418
CT	387.406	62438.032	94234.458	275°11'09.60"	LINE		18.372
TC	405.777	62419.736	94236.119	275°11'09.60"	ARC	30.000	12.858
CT	418.635	62407.564	94239.948	299°44'31.20"	LINE		47.422
TC	466.057	62366.389	94263.474	299°44'31.20"	ARC	-30.000	12.858
CT	478.915	62354.218	94267.303	275°11'09.60"	LINE		78.589
TC	557.504	62275.950	94274.406	275°11'09.60"	ARC	-15.000	23.611
CT	581.115	62259.652	94260.775	185°00'00.00"	LINE		39.974
TC	621.088	62256.168	94220.954	185°00'00.00"	ARC	30.000	5.894
CT	626.982	62255.082	94215.170	196°15'25.20"	LINE		12.147
IP	639.130	62251.682	94203.508	196°15'25.20"			

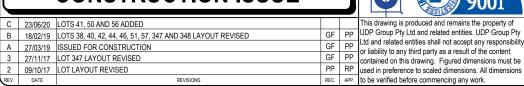
APPLETREE DRIVE GEOMETRY TABLE								
POINT	CHAINAGE	EASTING	NORTHING	BEARING	SEGMENT	RADIUS	LENGTH	
TC	416.591	62407.287	94096.048	323°00'00.00"	ARC	-300.000	225.147	
CT	641.738	62219.791	94210.946	280°00'00.00"	LINE		13.338	
TC	655.076	62206.656	94213.262	280°00'00.00"	ARC	-125.000	177.716	

ROAD GEOMETRY PLAN

SCALE 1:1000

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SCALE 1:1000						

		CONSTRUCTION ISSUE	
$\overline{}$		LOTO 44 50 AND 50 ADDED	Ξ
C	23/06/20	LOTS 41, 50 AND 56 ADDED	L



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DESIGNED: R.STAER	OPM 98041 E=62755.297		

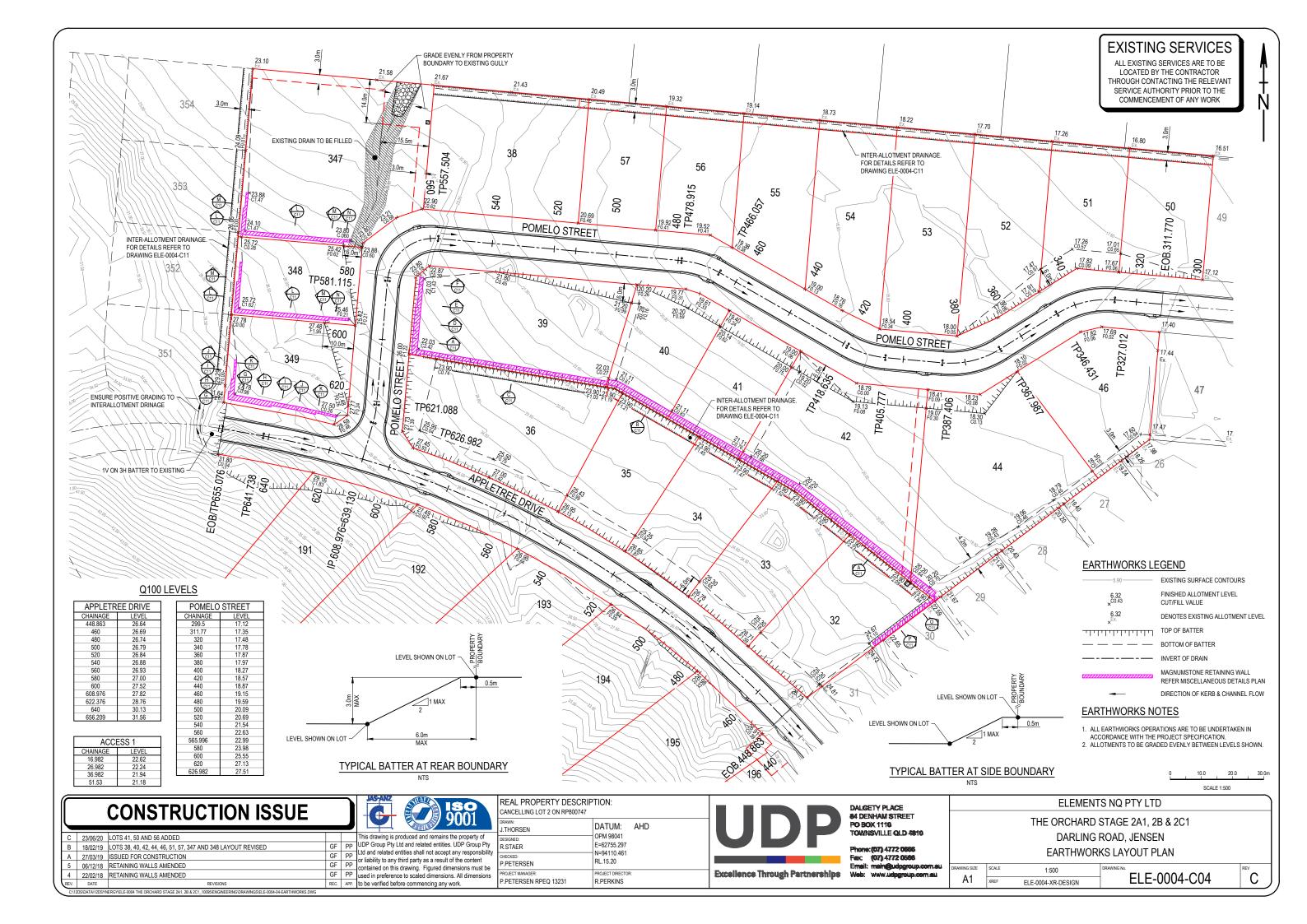
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- 1	DRAWN: J.THORSEN	DATUM:	AHD	
- 1	DESIGNED: R.STAER	OPM 98041 E=62755.297 N=94110.461		
- 1	CHECKED: P.PETERSEN	RL.15.20		
- 1	PROJECT MANAGER: P.PETERSEN RPEQ 13231	PROJECT DIRECTOR: R.PERKINS		

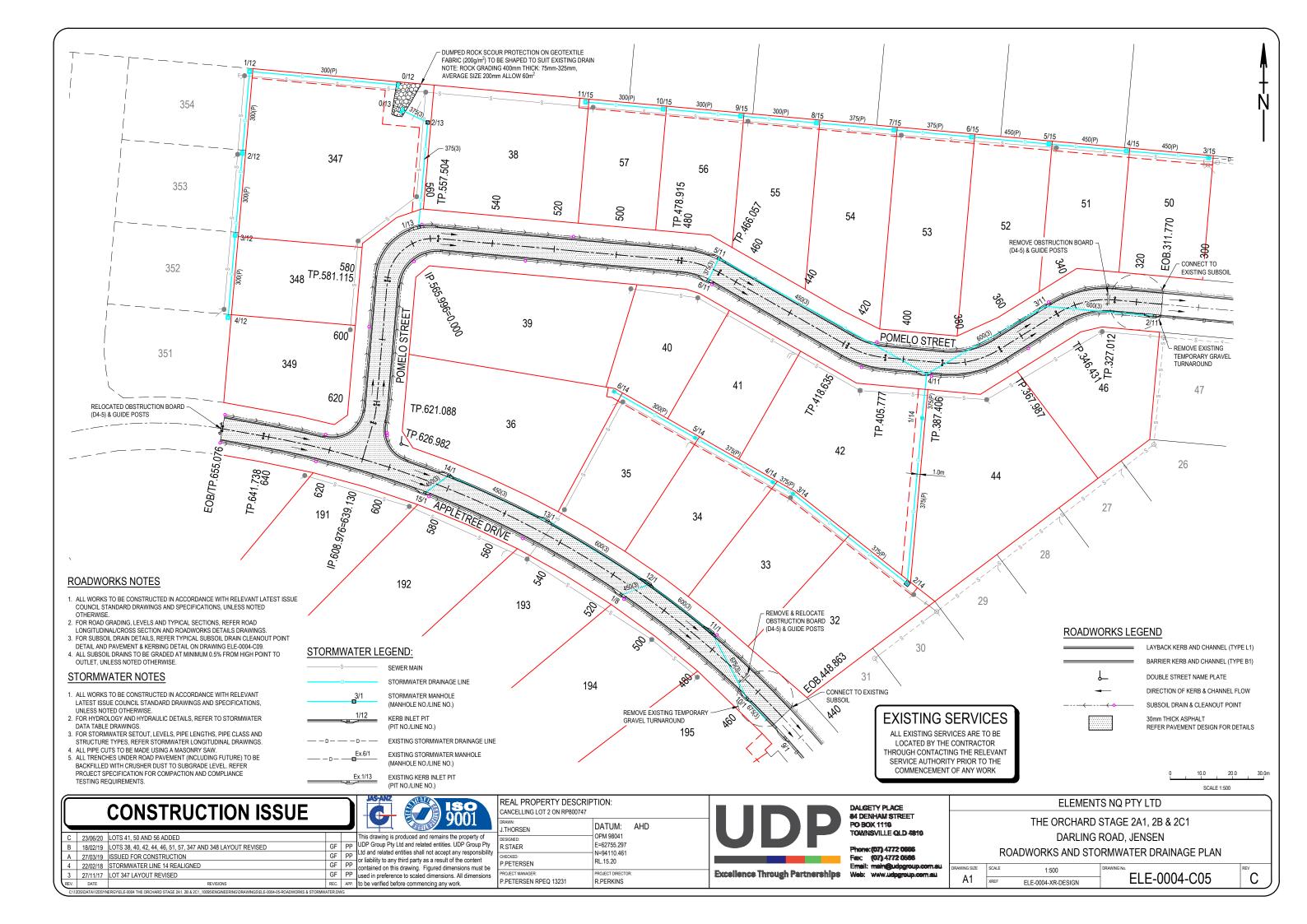


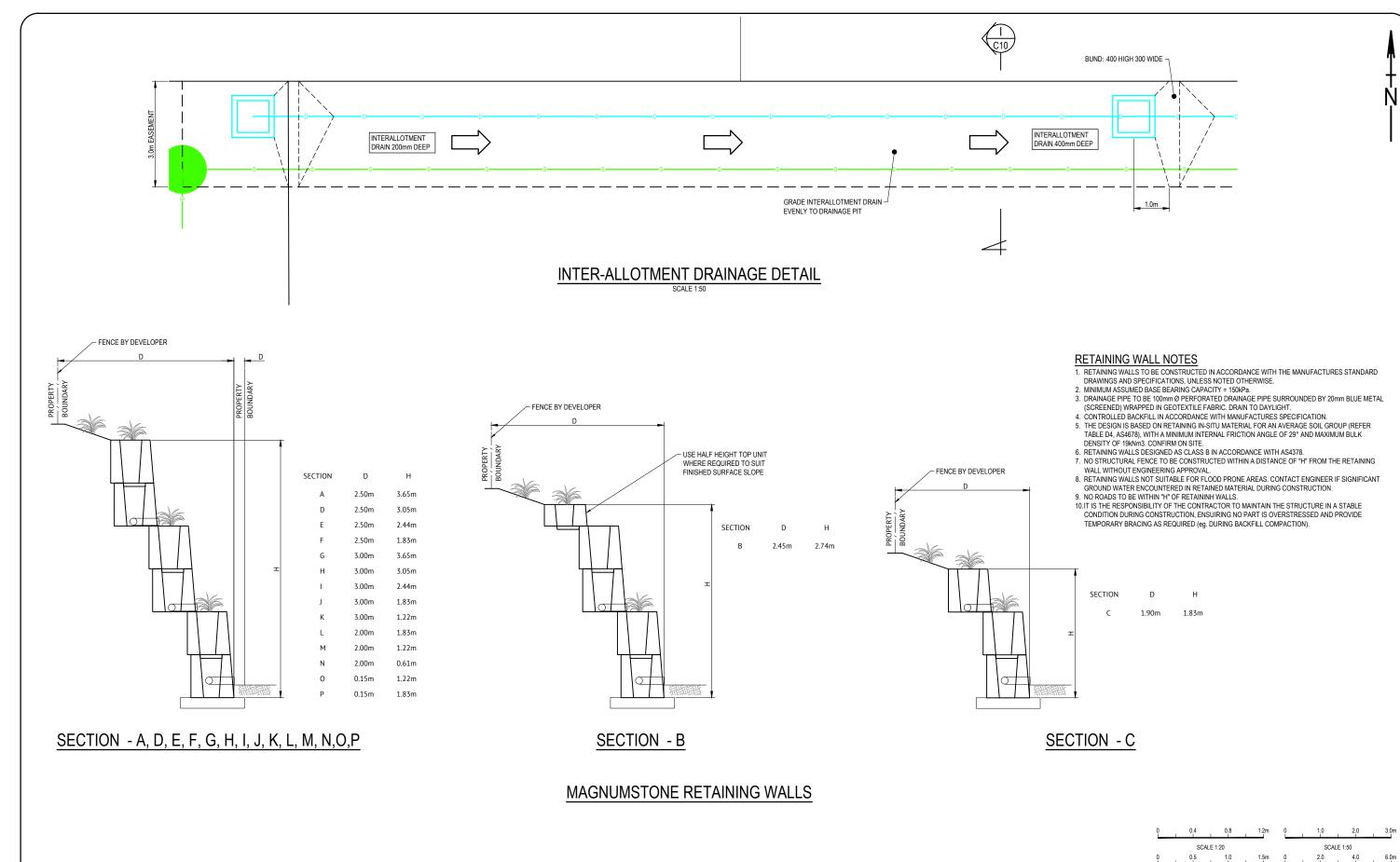
ELEMENTS NQ PTY LTD THE ORCHARD STAGE 2A1, 2B & 2C1 DARLING ROAD, JENSEN

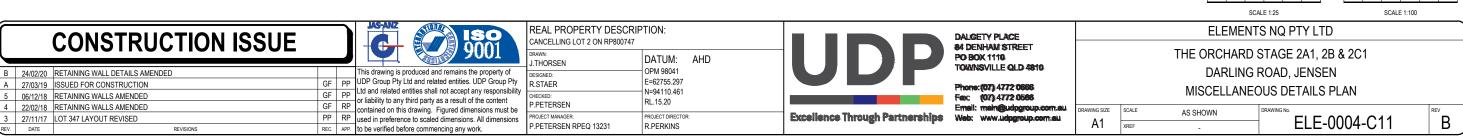
ROAD GEOMETRY PLAN

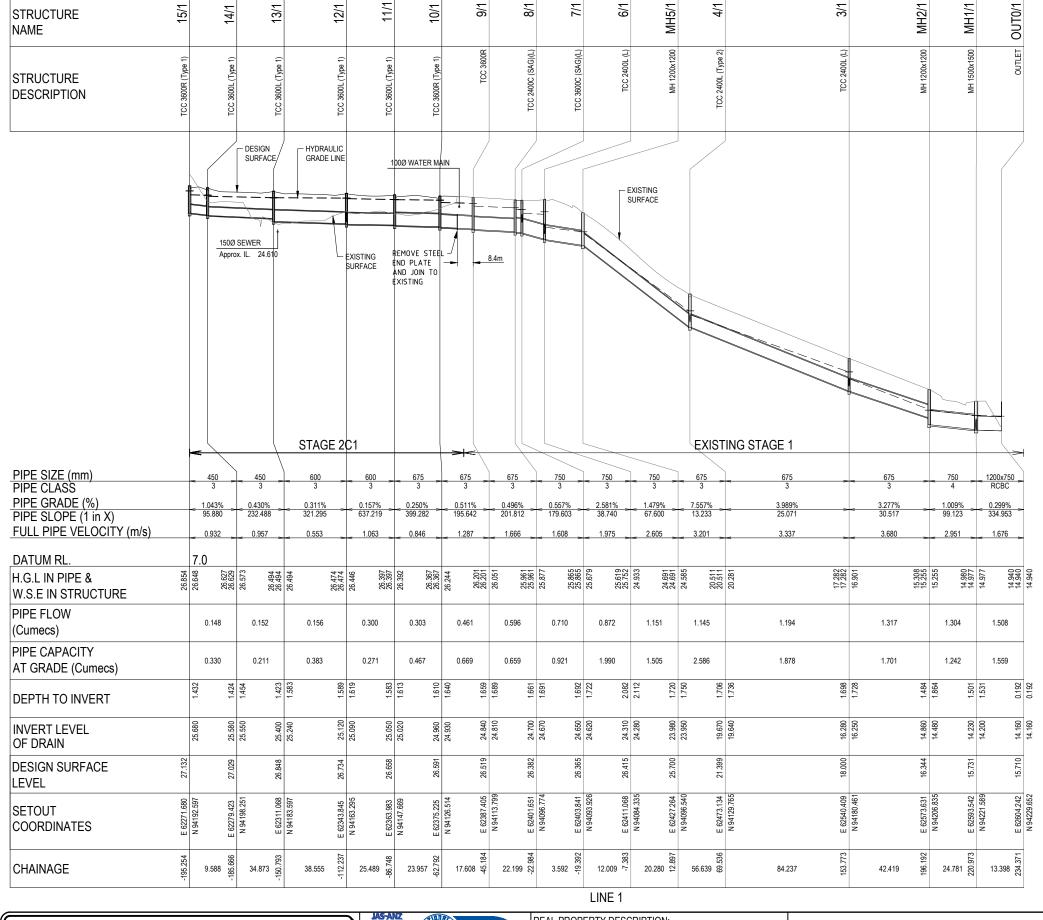
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A1	XREF	ELE-0004-XR-DESIGN	ELE-0004-C03	





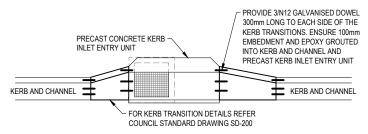




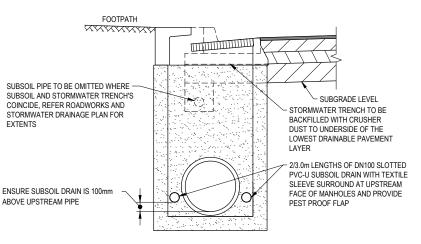


STORMWATER LONGITUDINAL SECTION NOTES

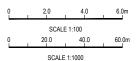
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- 2. STRUCTURE SETOUT IS TO CENTRE OF MANHOLE OR CENTRE OF STANDARD KERB INLET CHAMBER.
- 3. FOR STORMWATER ALIGNMENT, REFER TO STORMWATER LAYOUT DRAWING
- ALL RCP DRAINAGE PIPES TO BE FLUSH JOINTED WITH EXTERNAL RUBBER BAND, UNLESS NOTED OTHERWISE.
- ALL uPVC DRAINAGE PIPES SHALL BE RUBBER RING JOINTED CONFORMING TO AS1254
- 6. ALL POLYPROPYLENE DRAINAGE PIPES SHALL BE IN ACCORDANCE WITH
- 7. PIPE CLASS: (3) RCP CLASS 3
 - (4) RCP CLASS 3 (4) - RCP CLASS 4 (P) - POLYPROPYLENE (RCBC) - BOX CULVERT



KERB INLET TRANSITION DETAIL SCALE 1:50



$\frac{\text{TYPICAL SUBSURFACE DRAIN - STORMWATER MANHOLES}}{\text{SCALE 1:20}}$



CONSTRUCTION ISSUE



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,	DESIGNED: R.STAER			
	CHECKED: P.PETERSEN			
	PROJECT MANAGER: P.PETERSEN RPEQ 13231	PROJECT DIRECTOR: R.PERKINS		



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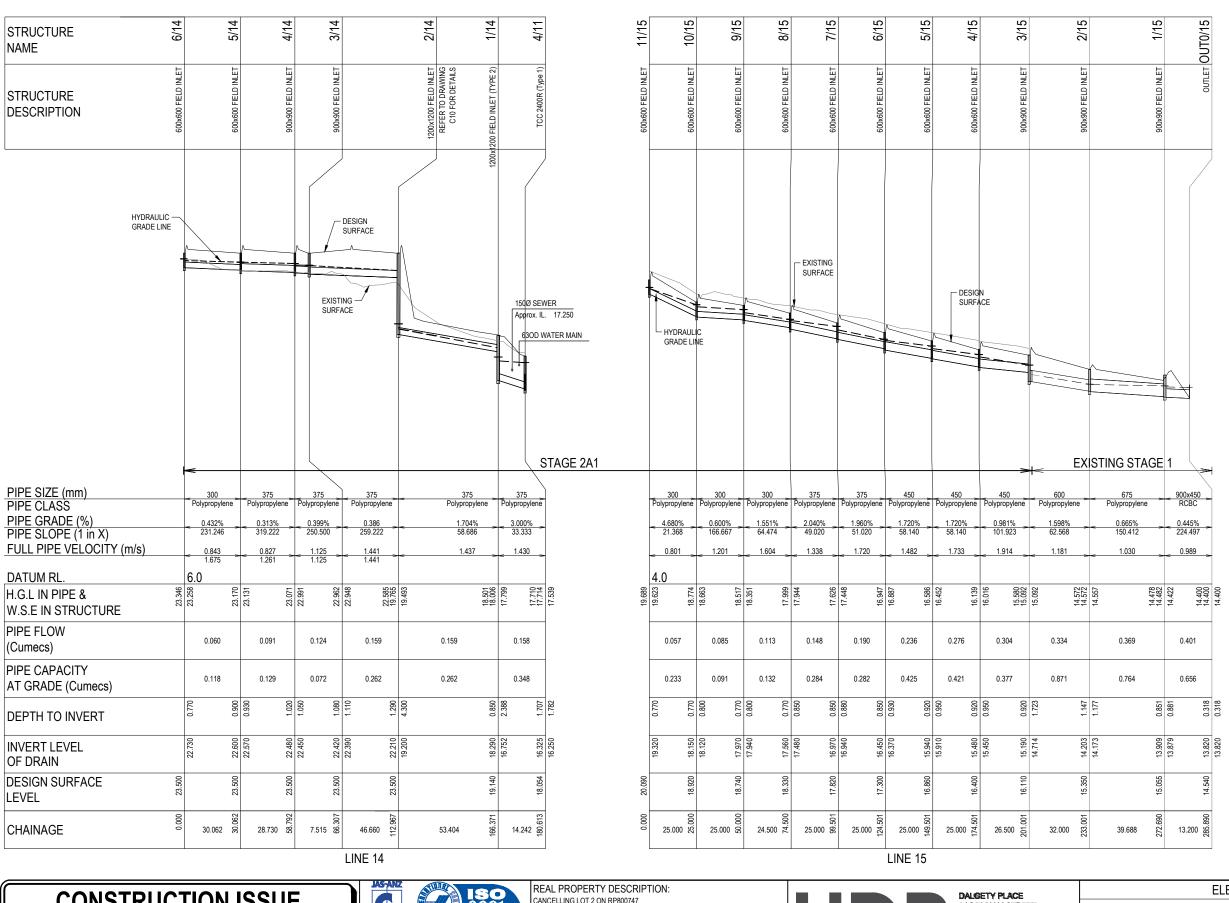
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ELEMENTS NQ PTY LTD

THE ORCHARD STAGE 2A1, 2B & 2C1
DARLING ROAD, JENSEN

Q2 STORMWATER LONGITUDINAL SECTIONS - SHEET 1 OF 3

DRAWING SIZE	SCALE	AS SHOWN	DRAWING No.	REV A
A1	XREF	-	ELE-0004-C12	<u> </u>



SCALE 1:100 40.0 SCALE 1:1000

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PP RP used in preference to scaled dimensions. All dimensions REC. APP. to be verified before commencing any work.

CANCELLING LOT 2 ON RP800747

DRAWN: J.THORSEN	DATUM: AHD			
DESIGNED: R.STAER CHECKED: P.PETERSEN	OPM 98041 E=62755.297 N=94110.461 RL.15.20			
PROJECT MANAGER: P.PETERSEN RPEQ 13231	PROJECT DIRECTOR: R.PERKINS			



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ELEMENTS NQ PTY LTD

THE ORCHARD STAGE 2A1, 2B & 2C1 DARLING ROAD, JENSEN

Q	2 STORMWATER LONGITU	DINAL SECTIONS - SHEET 3 OF 3	

AS SHOWN ELE-0004-C14 Α Α1

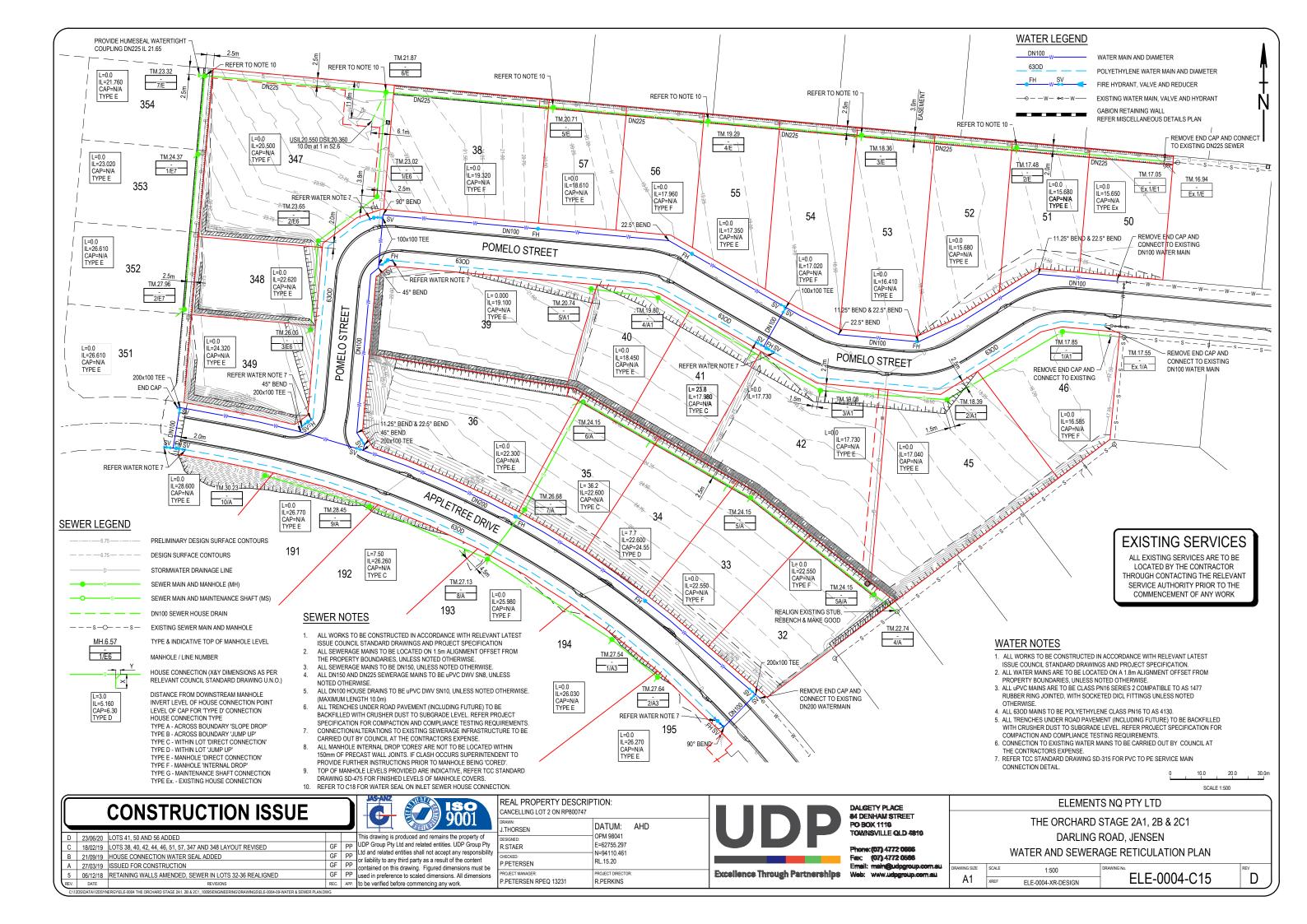
A 27/03/19 ISSUED FOR CONSTRUCTION

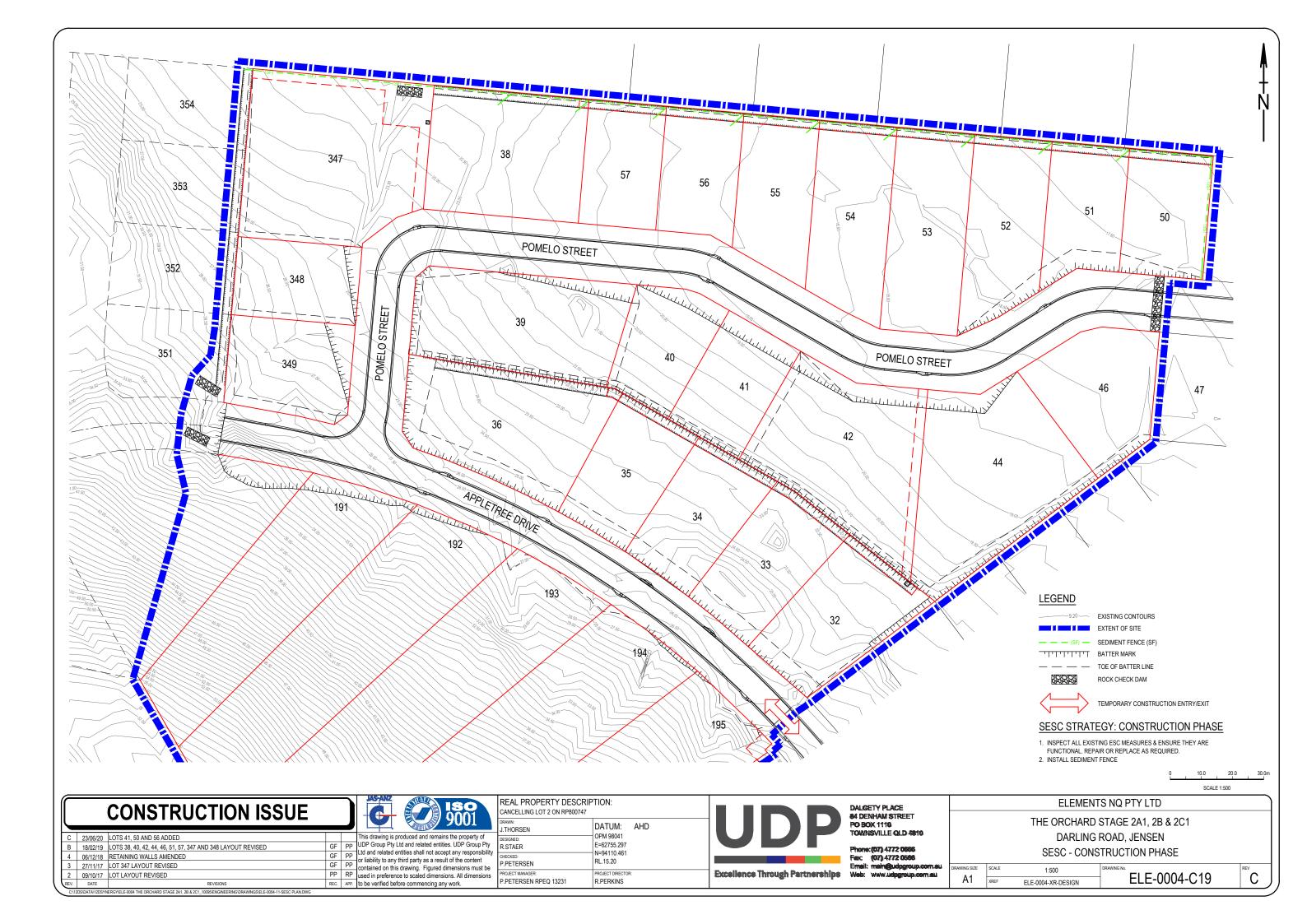
5 06/12/18 LINE 4 REGRADED

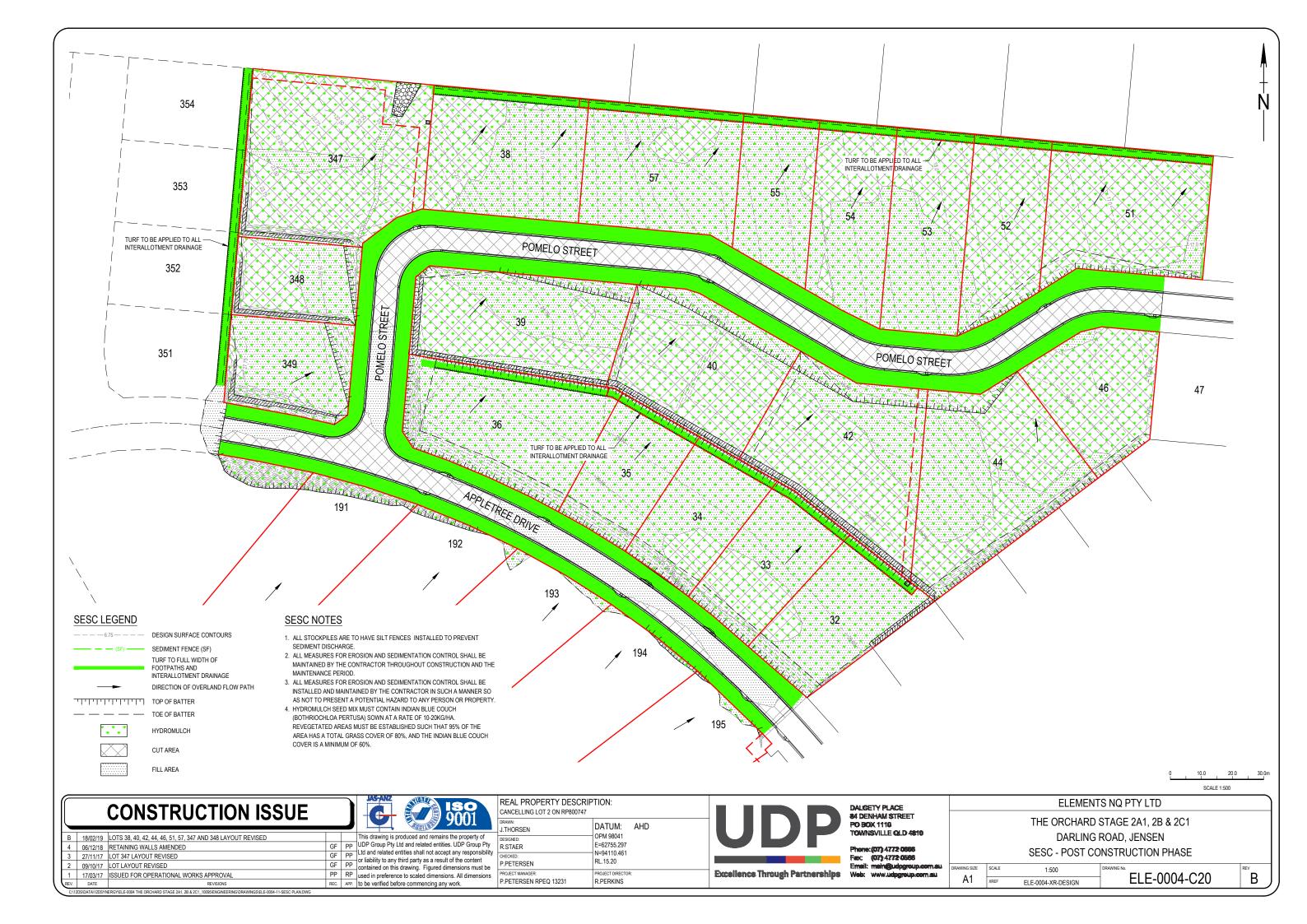
22/02/18 LINES REGRADED

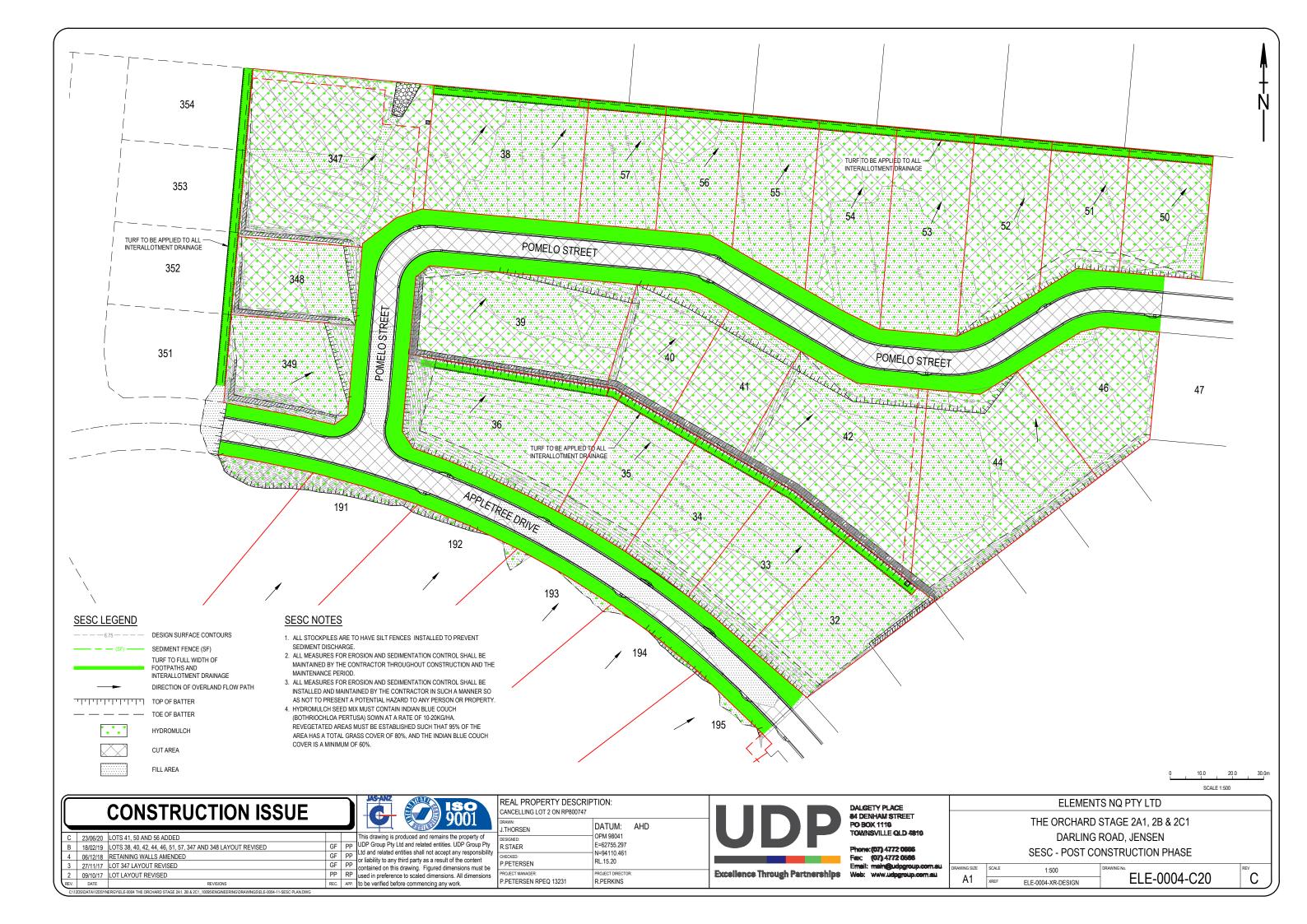
2 09/10/17 LOT LAYOUT REVISED

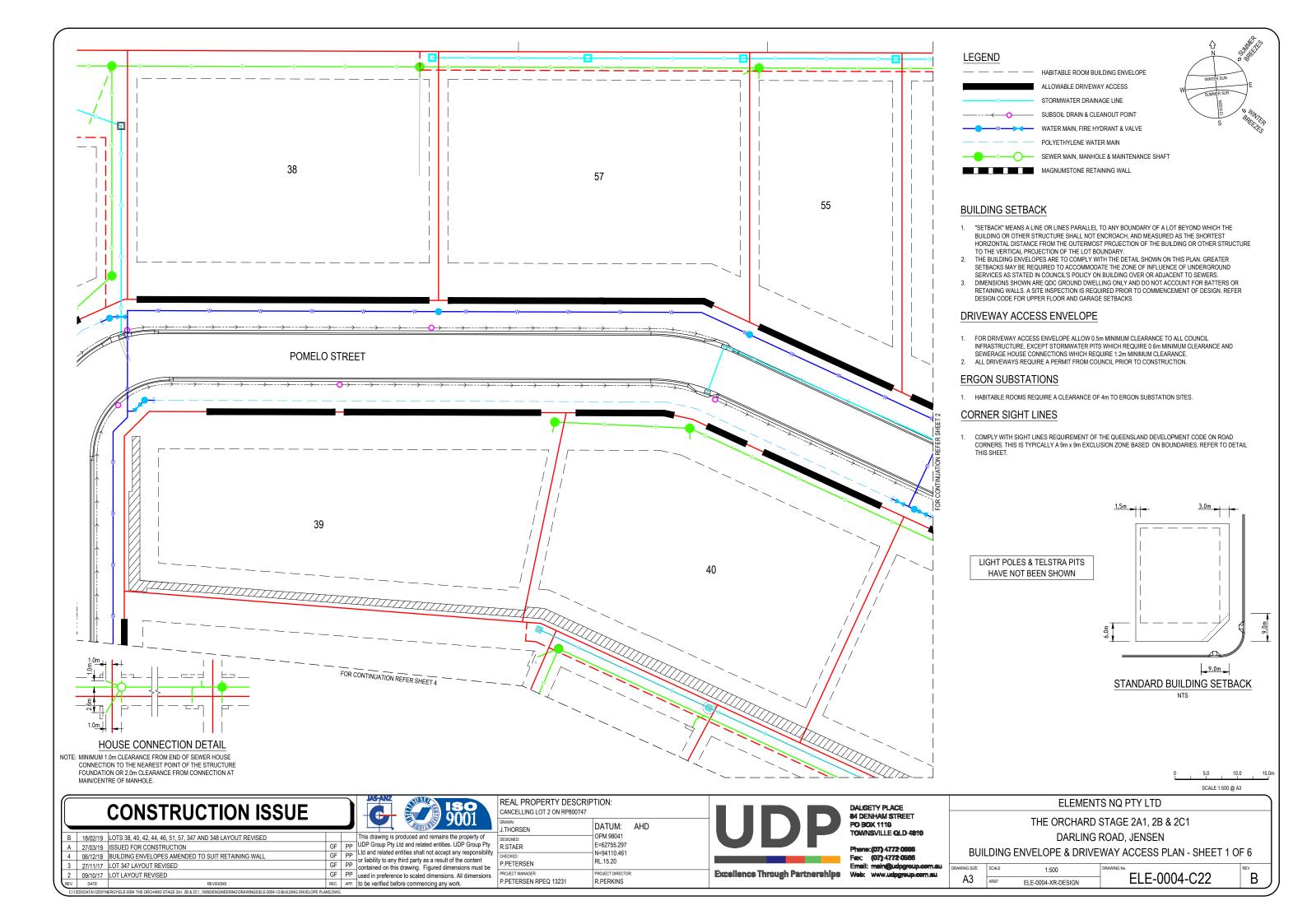
3 27/11/17 LOT 347 LAYOUT REVISED

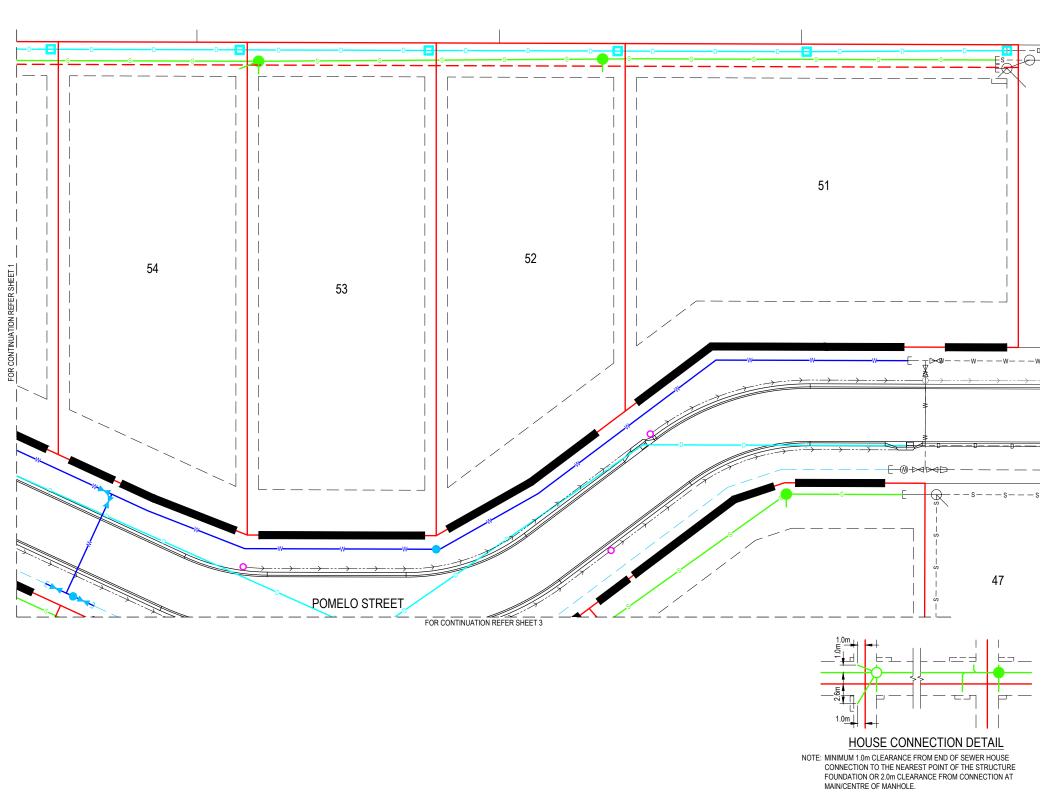




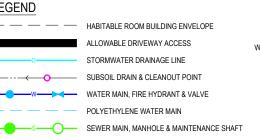












BUILDING SETBACK

- "SETBACK" MEANS A LINE OR LINES PARALLEL TO ANY BOUNDARY OF A LOT BEYOND WHICH THE BUILDING OR OTHER STRUCTURE SHALL NOT ENCROACH, AND MEASURED AS THE SHORTEST HORIZONTAL DISTANCE FROM THE OUTERMOST PROJECTION OF THE BUILDING OR OTHER STRUCTURE TO THE VERTICAL PROJECTION OF THE LOT BOUNDARY.
- 2. THE BUILDING ENVELOPES ARE TO COMPLY WITH THE DETAIL SHOWN ON THIS PLAN. GREATER SETBACKS MAY BE REQUIRED TO ACCOMMODATE THE ZONE OF INFLUENCE OF UNDERGROUND SERVICES AS STATED IN COUNCIL'S POLICY ON BUILDING OVER OR ADJACENT TO SEWERS.
- DIMENSIONS SHOWN ARE QDC GROUND DWELLING ONLY AND DO NOT ACCOUNT FOR BATTERS OR RETAINING WALLS. A SITE INSPECTION IS REQUIRED PRIOR TO COMMENCEMENT OF DESIGN. REFER DESIGN CODE FOR UPPER FLOOR AND GARAGE SETBACKS.

DRIVEWAY ACCESS ENVELOPE

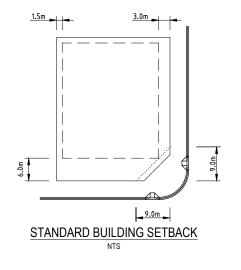
- FOR DRIVEWAY ACCESS ENVELOPE ALLOW 0.5m MINIMUM CLEARANCE TO ALL COUNCIL INFRASTRUCTURE, EXCEPT STORMWATER PITS WHICH REQUIRE 0.6m MINIMUM CLEARANCE AND SEWERAGE HOUSE CONNECTIONS WHICH REQUIRE 1.2m MINIMUM CLEARANCE.
 2. ALL DRIVEWAYS REQUIRE A PERMIT FROM COUNCIL PRIOR TO CONSTRUCTION.

ERGON SUBSTATIONS

1. HABITABLE ROOMS REQUIRE A CLEARANCE OF 4m TO ERGON SUBSTATION SITES.

CORNER SIGHT LINES

COMPLY WITH SIGHT LINES REQUIREMENT OF THE QUEENSLAND DEVELOPMENT CODE ON ROAD CORNERS. THIS IS TYPICALLY A $9m \times 9m$ EXCLUSION ZONE BASED ON BOUNDARIES, REFER TO DETAIL



LIGHT POLES & TELSTRA PITS HAVE NOT BEEN SHOWN

SCALE 1:500 @ A3

CONSTRUCTION ISSUE

B 18/02/19 LOTS 38, 40, 42, 44, 46, 51, 57, 347 AND 348 LAYOUT REVISED

17/03/17 ISSUED FOR OPERATIONAL WORKS APPROVAL

A 27/03/19 ISSUED FOR CONSTRUCTION

27/11/17 LOT 347 LAYOUT REVISED

2 09/10/17 LOT LAYOUT REVISED



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REAL PROPERTY DESCRIPTION: CANCELLING LOT 2 ON RP800747 DATUM: AHD OPM 98041 E=62755.297

N=94110.461 RL.15.20 **Excellence Through Partnerships**

DALGETY PLACE 84 DENHAM STREET PO BOX 1116 TOWNSVILLE OLD 4810

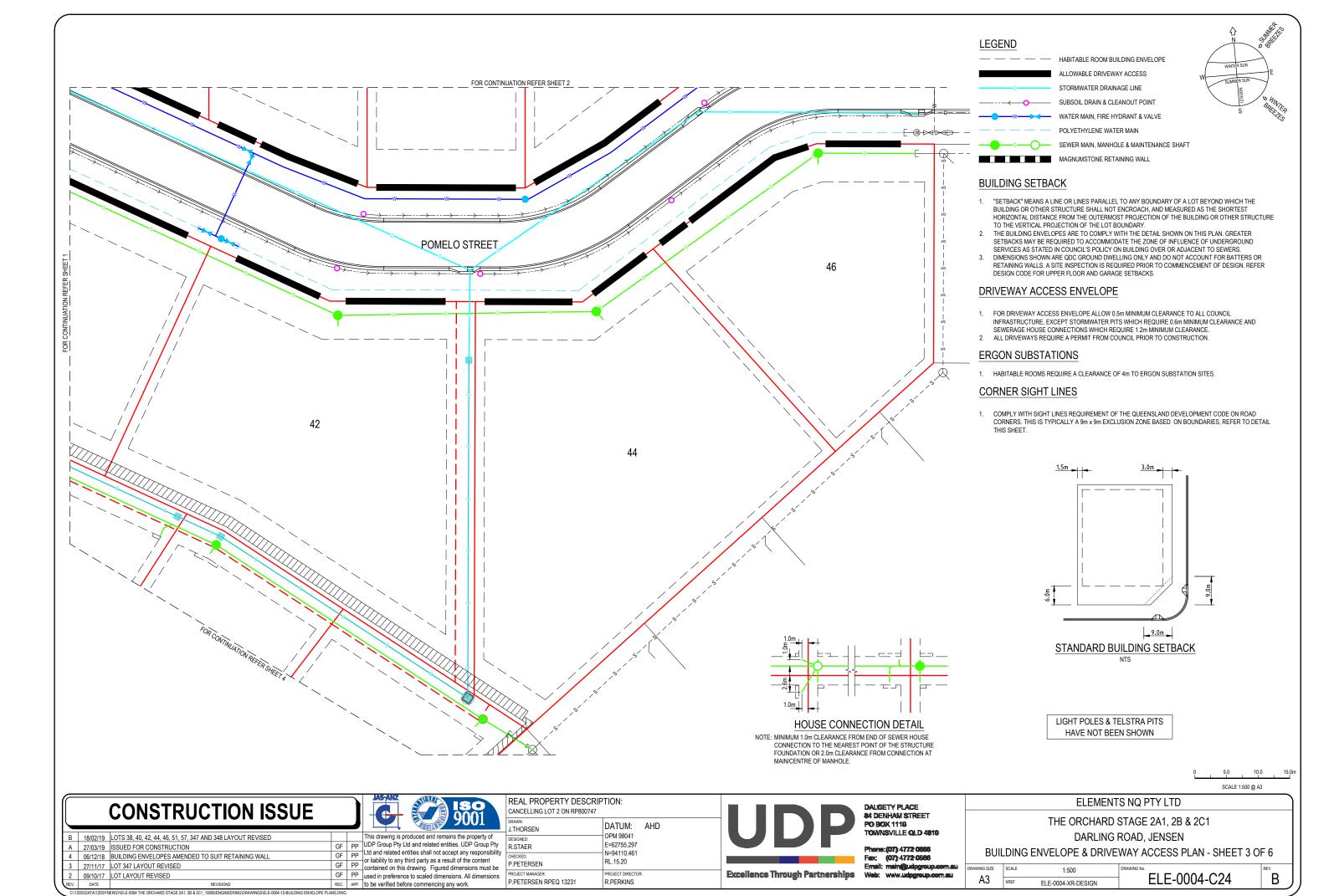
hone:(07) 4772 0666 Fax: (07) 4772 0566 Email: main@udpgro

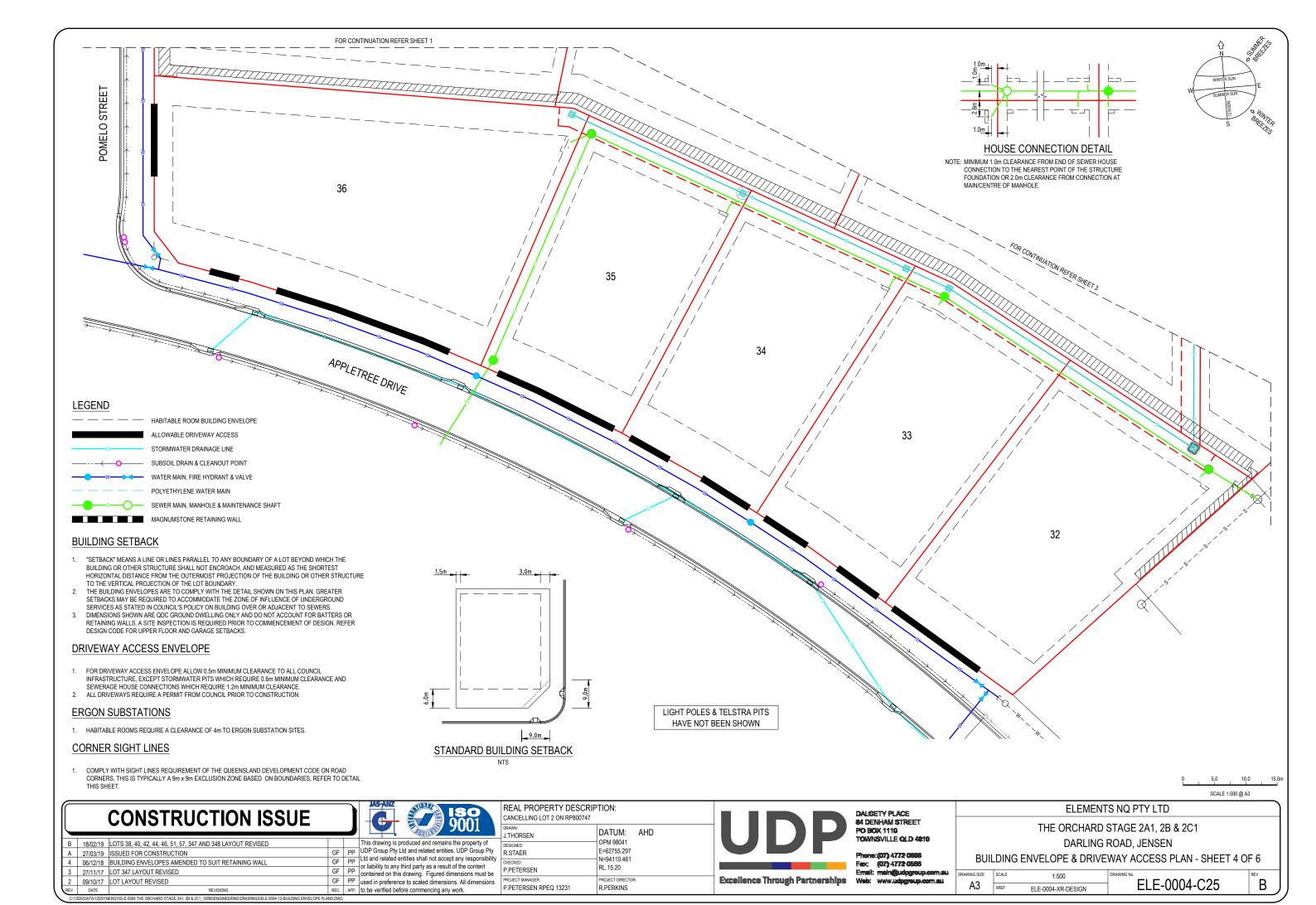
ELEMENTS NQ PTY LTD

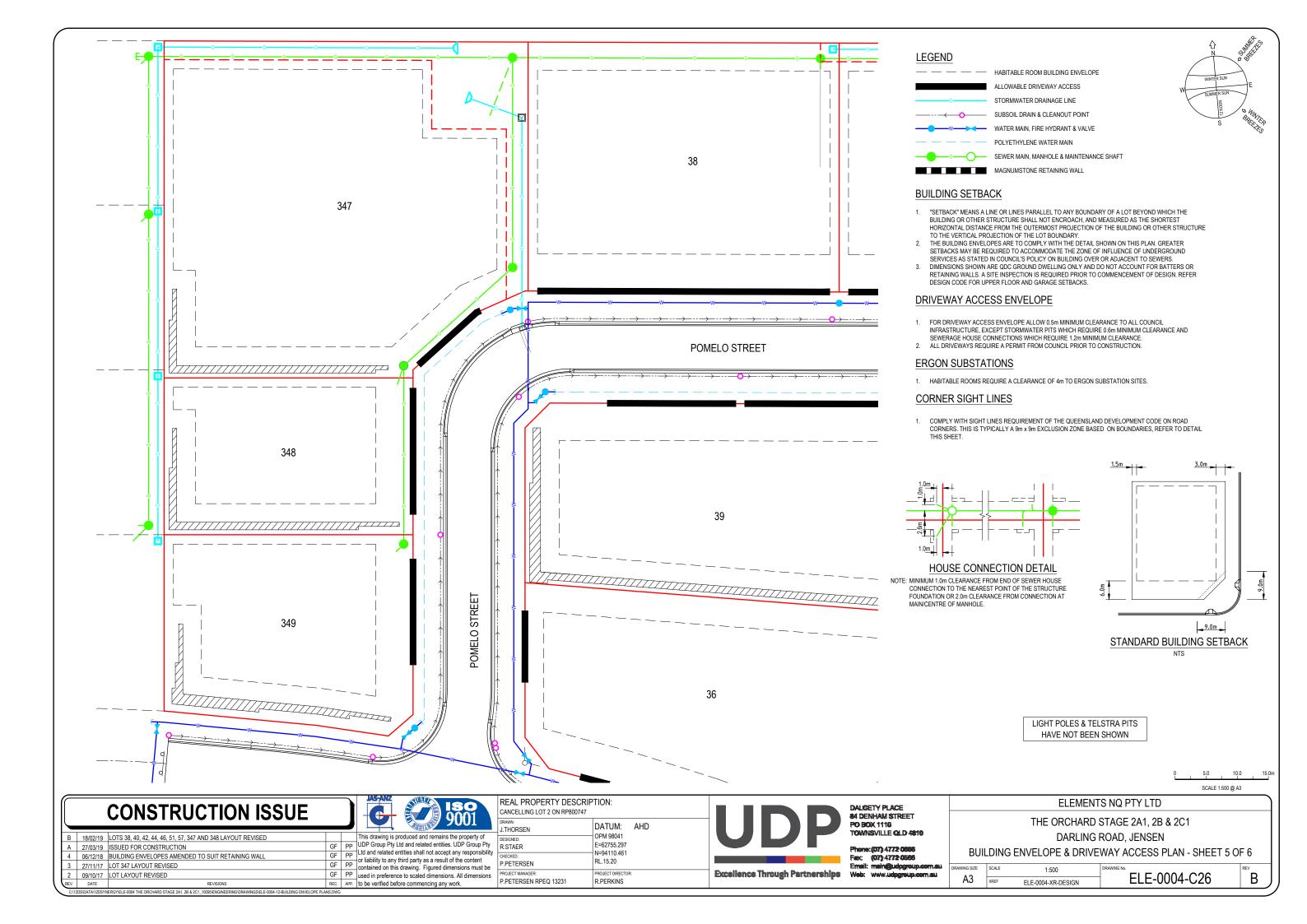
THE ORCHARD STAGE 2A1, 2B & 2C1 DARLING ROAD, JENSEN

BUILDING ENVELOPE & DRIVEWAY ACCESS PLAN - SHEET 2 OF 6

1:500 ELE-0004-C23 Α3 ELE-0004-XR-DESIGN







GENERAL NOTES ON COMPLETION, CLEARLY MARK UP **EXISTING SERVICES** THIS DRAWING WITH ANY CHANGES AND RETURN TO PREMISE. 1. FOR STANDARD UNDERGROUND DUCT SECTIONS REFER TO UNDERGROUND CONSTRUCTION All existing services are to be located by the MANUAL DRAWING 5163. contractor through contacting the relevant STANDARD TRENCH ALIGNMENT IS 0.3 TO 0.9 METRES OFF PROPERTY ALIGNMENT SUBJECT TO LOCATION OF OTHER SERVICES. REFER TO UNDERGROUND CONSTRUCTION MANUAL, DRAWING 5163 CHANGES: YES / NO service authority prior to the AND DRAWING 5228, FOR TRENCHES WITH NBNCo. CONDUITS. ELECTRICAL CONTRACTOR commencement of any work. STREETLIGHT POLE FOOTINGS SHALL BE LOCATED PERPENDICULAR TO THE KERB, AT THE NAME: PROLONGATION OF THE SIDE PROPERTY BOUNDARY, UNLESS DETAILED OTHERWISE. WHERE DIMENSIONS ARE SHOWN, THEY SHALL TAKE PRECEDENCE OVER GRID COORDINATES. SIGNATURE: ALL CONDUITS SHALL BE CONTINUOUS UNLESS DETAILED OTHERWISE. DATE: FOR STANDARD UDC CONSTRUCTION PRACTICES REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS 5022, 5085 AND 5124. CIVIL CONTRACTOR STREETLIGHT DESIGN TO AS1158 CATEGORY P4 FOR ROAD RESERVE. THE LIGHTING DESIGN INCLUDES AN ALLOWANCE FOR CONSTRUCTION TOLERANCE OF LIGHT POLES NAME: SUCH THAT ANY STREETLIGHT CAN BE POSITITIONED UP TO A MAXIMUM OF +/- 350mm SIGNATURE: I ONGITUDINALLY FROM THE POSITION SHOWN AND UP TO 100mm MAXIMUM FURTHER AWAY FROM KERB EDGE, INCLUDING POLES WITH GRID COORDINATES, AND STILL MAINTAIN COMPLIANCE. CONFIRM ALL CONDUIT AND CABLE LENGTHS PRIOR TO INSTALLATION. IN ACCORDANCE WITH ELECTRICAL SAFETY ACT, A SAFETY OBSERVER MUST BE PRESENT AT ALL TIMES WHEN WORKING IN THE VICINITY OR ENERGIZED CABLES, CONTACT ERGON ENERGY ON 131046 FOR FURTHER INFORMATION. o B 10. ELECTRONIC CABLE MARKINGS (ECM'S) ARE TO BE SUPPLIED BY ELECTRICAL CONTRACTOR AND ARE REQUIRED AT ENDS OF ALL SPARE CONDUITS AND AT ALL CABLE JOINTS. ECM'S SHALL BE PLACED 150mm ABOVE THE LINE OF CONDUIT FOR CABLE JOINTS AND 150mm ABOVE THE LINE OF CONDUIT 351 FOR SPARE CONDUITS. ECM'S ARE RECOVERABLE AND SHALL BE REMOVED AND RETURNED TO ELECTRICAL CONTRACTOR WHEN ALL SPARE CONDUIT ENDS ARE REMOVED FROM A LOCATION. 349 C POMELO STREET 11. CONCRETE COVER SHALL BE INSTALLED ABOVE CONDUIT, WHERE CONDUIT BURIAL DEPTH IS LESS THAN THAT SPECIFIED IN UNDERGROUND CONSTRUCTION MANUAL DRAWING 5163. FOR FOOTPATHS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5016. FOR ROADWAY CROSSINGS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5017. 12. ADDITIONAL CONDUIT BENDS SHALL BE INSTALLED TO ACHIEVE INCREASED BURIAL DEPTH AT ROADWAY CROSSINGS. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5022. 13. ALL LIGHT POLES SHALL BE INSTALLED 1.05m FROM BACK OF KERB UNLESS NOTED OTHERWISE 36 C 14. 35mm² ANNEALED BARE COPPER EARTH TO BE INSTALLED IN THE BOTTOM OF ALL TRENCHES. ERGON STOCK CODE - 1311142 900 35 A APPLETREE DRIVE 190 34 B 191 C 33 C 192 193 32 A 30 194 31 03 195 B 00 **LEGEND** PROPOSED UNDERGROUND HIGH VOLTAGE CONDUIT EXISTING UNDERGROUND HIGH VOLTAGE CONDUIT 18 196 # | PROPOSED/EXISTING SUBSTATION (100) PROPOSED/EXISTING STATION NUMBER 17 **HV LAYOUT** ERGON WRN: 1300466 **CONSTRUCTION ISSUE** N. JOHNSTON **ELEMENTS NQ PTY LTD** TOWNSVILLE OFFICE M.EDGERTON RPEQ 18740 84 DENHAM STREET B. RYAN PROJECT THE ORCHARD STAGE 2A1, 2B & 2C1 PO BOX 1110 ROJECT MANAGER P. PETERSEN TOWNSVILLE, QLD 4810 LOCATION DARLING ROAD, JENSEN 20.0 10.0 09/12/19 A ISSUED FOR CONSTRUCTION 31/01/18 1 ISSUED FOR APPROVAL DATE REV DESCRIPTION

SCALE 1:500

SHEET TITLE HV LAYOUT AND SCHEMATICS

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