

DESIGN APPROVAL NOTIFICATION

MAJOR WORKS (WATER RETICULATION)

This Design Approval Notification relates to the design of Network Infrastructure and/or Property Service Infrastructure in relation to drinking water, non-drinking water and/or wastewater connection(s) for a single lot/multiple lots, where the design of such infrastructure has been conditioned by Urban Utilities (or the relevant government authority) to be subject to its approval prior to commencing construction.

1. PROPERTY REFERENCE (original un-divided property)

Lot & Plan Number: Lot 95 on CA311434; Lot 96 SP225226
Address: 174 Adare Road
Suburb: Adare **Post Code:** 4343
Council area: Lockyer Valley **Council reference:** RL2002/0017.01

2. RELATED PARTIES

(a) Applicant: Parklands at Adare Pty Ltd
C/- Van Der Meer Consulting

3. APPROVAL DETAILS

(a) Application reference: 22-PNT-60566

(b) Notification of Design Approval:

Urban Utilities:

- confirms it has received the design plans and associated supporting material (the Design Package) in relation to the Application detailed in item 3(a); and
- notifies the applicant that the Design Package for the Network Infrastructure and/or Property Service Infrastructure is approved subject to the amendments marked in red on the plans detailed in item 3(c); and
- advises the applicant that this Notification does not imply that the design has been prepared taking into consideration all relevant design and construction requirements or the requirements of any other agency. The responsibility for efficient, accurate, safe, compliant and constructible design remains with the certifying RPEQ. If non-compliant aspects of the design are identified post-approval the non-compliant aspects must be rectified at no-cost to Urban Utilities.

(c) Referenced Documents (refer to attachments)

Document title / Prepared By	Drawing No.	Date	Amendments
Water Reticulation Cover Sheet	9732 C500	2/9/2022	Yes
Water Reticulation Sections	9732 C510	2/9/2022	Yes
Water Reticulation Plan	9732 C520	2/9/2022	No

4. APPROVAL

Signed for and on behalf of Urban Utilities:

Name: Troy Sutherland

Position: Senior Engineer

Signature:



Date: 28 October 2022

ASSET REGISTER - WATER RETICULATION					
ESTATE/STAGE	SATGE 1				
SITE ADDRESS	174 ADARE ROAD, ADARE				
FILE/APPLICATION					
DELEGATES APP. DATE					
CLIENT	PARK LAKE ADARE PTY LTD				
DRAWING/PLAN No.					
MAINS	DIA.	MATERIAL DESIGN	CONST.	LENGTH DESIGN	CONST.
	DN63				
	DN125	PE		405m	
	DN180	PE		320m	
DN225	AC		9m		
SERVICES	DIA.	MATERIAL DESIGN	CONST.	LENGTH DESIGN	CONST.
	20mm				
	25mm	PE100 PN16		19.5m	
	32mm	PE100 PN16		15m	
40mm	PE100 PN16		140m		
METERS	DIA.	NUMBER			
	20mm	23			
	25mm				
	32mm				
	150mm				
50mm					

REVIEW AND AMEND
SHOW DETAIL OF PROPOSED NEW INFRASTRUCTURE ONLY

SERVICE DETAILS		
NO	SIZE	LOT NUMBERS
13	DN25 PE	108, 109, 116 TO 123 AND 130 TO 132
10	DN32 PE	110, 111, 144, 145 AND 124 TO 129

THIS DECISION NOTICE SHOULD NOT BE TAKEN TO CONSTITUTE PERMISSION TO ENTER NEIGHBOURING PROPERTIES TO CONSTRUCT THE WORKS. PERMISSION MUST BE OBTAINED FROM RELEVANT PROPERTY OWNERS.

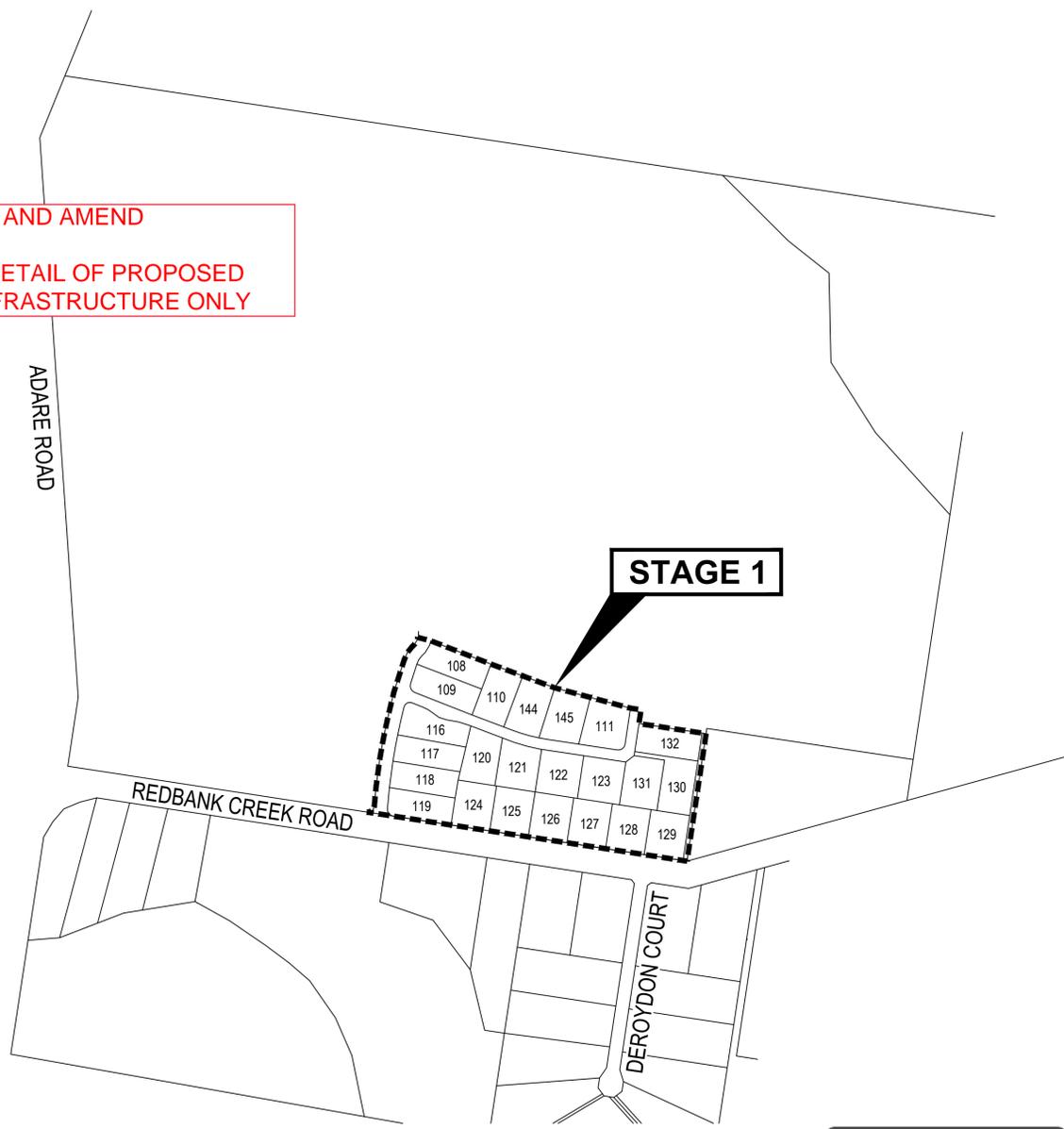
PLANS and DOCUMENTS
referred to in the
URBAN UTILITIES DESIGN APPROVAL
.....
Dated:
URBAN UTILITIES DEVELOPMENT SERVICES

ALL ENVIRONMENTAL PROTECTION MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION WORK, INCLUDING CLEARING COMMENCING.

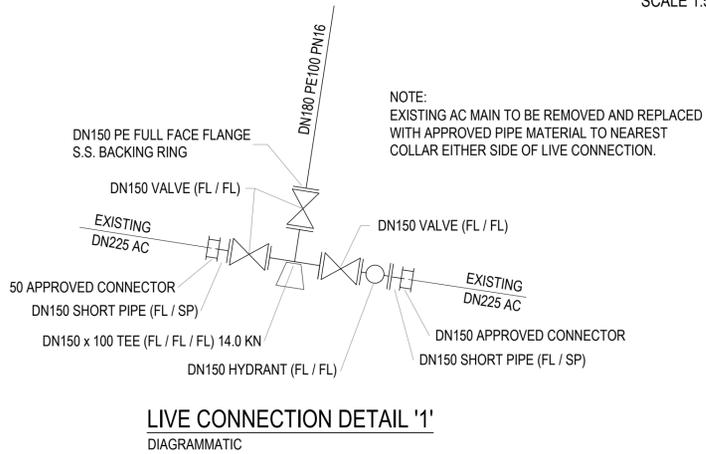
ALL WATER AND SEWER CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORKPLACE HEALTH AND SAFETY ACT 2011.

CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION PHONE : 1300 362 128

SEQ CODE STANDARD DRAWING SCHEDULE	
SOIL CLASSIFICATION	SEQ-WAT-1200-1
EMBEDMENT AND TRENCH FILL	SEQ-WAT-1200-2
THRUST BLOCK DETAILS	SEQ-WAT-1205-1
VALVE THRUST BLOCKS	SEQ-WAT-1206-1
IDENTIFICATION MARKERS	SEQ-WAT-1300-1,2



LOCALITY PLAN
SCALE 1:5000



ALL LIVE WORKS ON AC MAIN SHALL INCLUDE REMOVAL OF EXISTING AC MAIN FROM COLLAR TO COLLAR.

VALVE MARKERS, HYDRANT MARKERS AND PAVEMENT MARKINGS ARE TO BE INSTALLED/REINSTATED IN ACCORDANCE WITH SEQ-WAT-1300-1

AS CONSTRUCTED
AS CONSTRUCTED DOCUMENTATION IS TO BE PROVIDED IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED IN THE SEQ D&C CODE INCLUSIVE OF FULL ADAC COMPLAINT SURVEY

LIVE WORKS CONNECTION 1

STREET : REDBANK CREEK ROAD
 INSTALLATION : CUT IN TO EXISTING MAIN
 TYPE OF MAIN : EXISTING DN225 AC
 DATE COMMENCED : _____ DATE COMPLETED : _____
 SIGNATURE : _____

LIVE WORKS CONNECTIONS 2, 3 AND 4

STREET : REDBANK CREEK ROAD
 INSTALLATION : TAPPING BAND
 TYPE OF MAIN : EXISTING DN225 AC
 DATE COMMENCED : _____ DATE COMPLETED : _____
 SIGNATURE : _____

LIVE WORKS CONNECTIONS 5, 6, 7, 8, 9 AND 10

STREET : REDBANK CREEK ROAD
 INSTALLATION : FIRE HYDRANT
 TYPE OF MAIN : EXISTING DN225 AC
 DATE COMMENCED : _____ DATE COMPLETED : _____
 SIGNATURE : _____

GENERAL NOTES

- 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.
- ADOPT LIP OF KERB OR SHOULDER OF ROAD AS PERMANENT LEVEL.
- COVER ON MAINS FROM PERMANENT LEVEL TO BE AS SHOWN IN SEQ-WAT-1200-2.
- CONDUITS TO BE INSTALLED IN ACCORDANCE WITH THE STANDARD DRAWINGS.
- A WATER METER SUPPLIED AT THE DEVELOPER'S COST, IS TO BE INSTALLED AT THE SERVICE POINT OF EACH LOT IN ACCORDANCE WITH THE STANDARD DRAWING FOR THE SEQ-SP.
- 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.
- ALL CONCRETE FOOTPATHS TO BE CLEAR OF WATER MAINS.
- TEST/CHLORINATION POINTS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NO. SEQ-WAT-1410-1.
- 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.
- WATER MAIN ROAD CROSSING AND VALVE PAVEMENT MARKERS TO BE INSTALLED AS PER SEQ-WAT-1300-1.

WATER MAIN CONSTRUCTION NOTES

- 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.
- ALL SITE AND FACTORY PE WELDING SHALL BE CARRIES OUT BY A PERSON WHO HAS COMPLETED RELEVANT NATIONALLY ACCREDITED TRAINING COURSES FOR BUTT WELDING/ELECTROFUSION AND HOLD A VALID WELDING CERTIFICATE IN ACCORDANCE WITH AS/NZS 2033.
- THE CONTRACTOR SHALL PROVIDE DOCUMENTED EVIDENCE OF ACCEPTABLE QUALIFICATIONS TO URBAN UTILITIES.
- INSTALL DETECTABLE MARKER TAPE ON ALL WATER MAINS AND PROPERTY SERVICES.
- CONSTRUCT FIRE HYDRANTS AND STOP VALVES TO SEQ-WAT-1300-1, 1302-1, 1303-2, 1305-1, 1306-1 & 1409-1.
- ALL LIVE WORKS SHALL BE UNDERTAKEN BY THE DEVELOPER'S LICENSED CONTRACTOR IN ACCORDANCE WITH A VALID URBAN UTILITIES NETWORK ACCESS PERMIT, UNDER SUPERVISION OF URBAN UTILITIES, AT THE DEVELOPER'S EXPENSE.
- PROPOSED WORKS ARE LOCATED WITHIN FIRE ANT BIOSECURITY ZONE 2. ALL WORKS ARE TO BE TO DAFF REQUIREMENTS.

VEGETATION PROTECTION

- TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
- WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
- TREE ROOTS SHALL BE TUNNELLED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.
- ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.

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

- 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.
- TRENCH REINSTATEMENT IS TO BE UNDERTAKEN IN ACCORDANCE WITH SEQ STANDARD REQUIREMENTS FOR EMBEDMENT AND TRENCH FILL. STANDARD DRAWINGS HAVE BEEN NOTED ON THIS PLAN.

REVISIONS:			
No.	REVISION DESCRIPTION	DATE	
B	UU IR RESPONSE	MP	23/09/22
A	ORIGINAL ISSUE	MP	22/07/22



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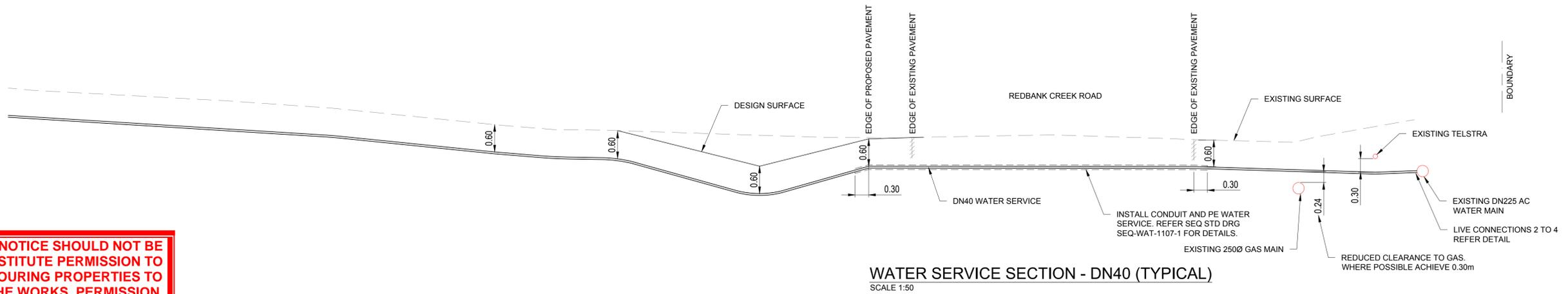
CLIENT: **PARK LAKE ADARE PTY LTD**
PO BOX 4107 SPRINGFIELD QLD 4300
ARCHITECT: _____
SCALE 1:5000

PROJECT TITLE: **PROPOSED SUBDIVISION**
174 ADARE ROAD, ADARE, QLD 4343
STAGE 1
DRAWING TITLE: **WATER RETICULATION COVER SHEET**

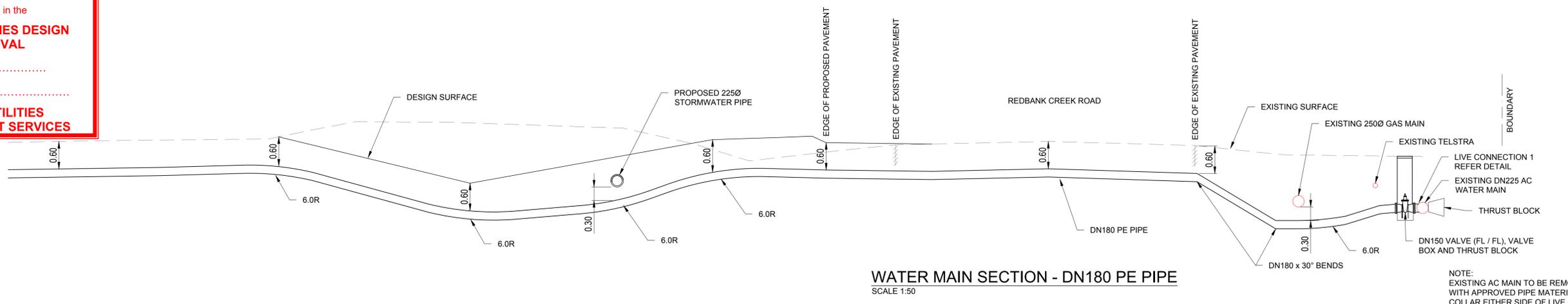
DRAWING STATUS			
ORIGINAL ISSUE NOT FOR CONSTRUCTION			
PROJECT LEADER	DESIGNER	SIGNATURE	
CK	MP	CALVIN KIRK RPEQ 19536	
DRAFTSPERSON	SCALE	DATE	SHEET SIZE
MP	AS SHOWN	JUL 2022	A1
JOB No.	DRAWING No.	REVISION	
BR222025	C1600		B

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WATER SERVICE SECTION - DN40 (TYPICAL)
SCALE 1:50



WATER MAIN SECTION - DN180 PE PIPE
SCALE 1:50

NOTE:
EXISTING AC MAIN TO BE REMOVED AND REPLACED WITH APPROVED PIPE MATERIAL TO NEAREST COLLAR EITHER SIDE OF LIVE CONNECTION.

REVISIONS:		MP	22/07/22
No.	REVISION DESCRIPTION	DRAWN	DATE
A	ORIGINAL ISSUE		



van der Meer Consulting
van der meer
LEVEL 1, 51 ALFRED STREET
FORTITUDE VALLEY QLD 4006
Telephone +61 7 3021 6600
www.vandermeer.com.au
van der Meer (QLD) Pty Ltd
A.B.N. 63 609 812 615

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CLIENT
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ARCHITECT
0 1 2 3 4 5m
SCALE 1:50

PROJECT TITLE
PROPOSED SUBDIVISION
174 ADARE ROAD, ADARE, QLD 4343
STAGE 1
DRAWING TITLE
WATER RETICULATION SECTIONS

DRAWING STATUS			
ORIGINAL ISSUE			
NOT FOR CONSTRUCTION			
PROJECT LEADER CK	DESIGNER MP	SIGNATURE CALVIN KIRK RPEQ 19536	
DRAFTSPERSON MP	SCALE AS SHOWN	DATE JUL 2022	SHEET SIZE A1
JOB No. BR222025	DRAWING No. C1602	REVISION	A