

LOT 10
RP893410

PROPOSED
INDUSTRIAL
DEVELOPMENT

LOT 119
SP31637

LOT 118
SP31637

LOT 117
SP31637

EASTRIDGE STREET

GOLD COAST WATER TO
CONSTRUCT NEW DN150
DICL/MSCL SERVICE AT
DEVELOPERS EXPENSE.

ALLOW ALL COSTS FOR GOLD COAST
WATER TO INSTALL 150mm COMBINED
FIRE AND SPRINKLER METER IN
ACCORDANCE WITH COUNCIL
STANDARD DRG 11-153B TO SERVICE
DEVELOPMENT. REFER HYDRAULIC
CONSULTANTS DRAWINGS FOR
INTERNAL DETAILS.

GOLD COAST WATER TO
CONSTRUCT NEW DN32
SERVICE AT DEVELOPERS
EXPENSE.

DETAIL 'A'

ALLOW ALL COSTS FOR GOLD COAST
WATER TO INSTALL DN25 DOMESTIC
METER TO SERVICE DEVELOPMENT.
REFER COUNCIL STANDARD DRG 11-138C
FOR METER DETAILS AND HYDRAULIC
CONSULTANTS DRAWINGS FOR
INTERNAL DETAILS.

CONNECTION 1
CONNECTION BY GOLD COAST WATER
AT DEVELOPERS EXPENSE TO
SERVICE DEVELOPMENT.
1 x DN150 DEAD PLATE
1 x DN150 90° DICL BEND
2 x DN150 45° DICL BEND
1 x DN150 DF VALVE
DN150 DICL/MSCL PIPE CUT TO SUIT

EXISTING

	BUILDING EXTENT
	KERB AND CHANNEL
	LOT BOUNDARY
	STORMWATER
	SEWER
	WATER
	FIRE HYDRANT
	VALVE
	WATER METER
	TELSTRA
	UNDERGROUND ELECTRICITY
	FOOTPATH

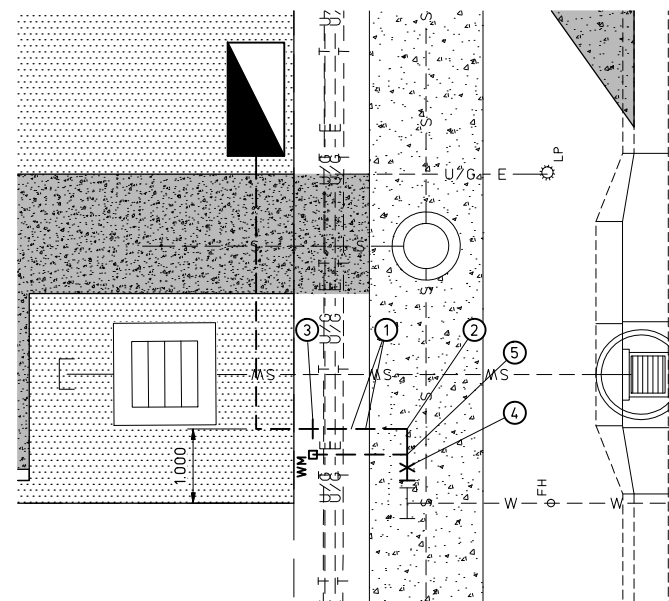
PROPOSED

	BUILDING EXTENT
	LOT BOUNDARY
	WATER SERVICE
	WATER METER
	VALVE
	STORMWATER
	CROSSOVER
	FOOTPATH
	CONCRETE PAVEMENT
	RETAINING WALL
	LANDSCAPE

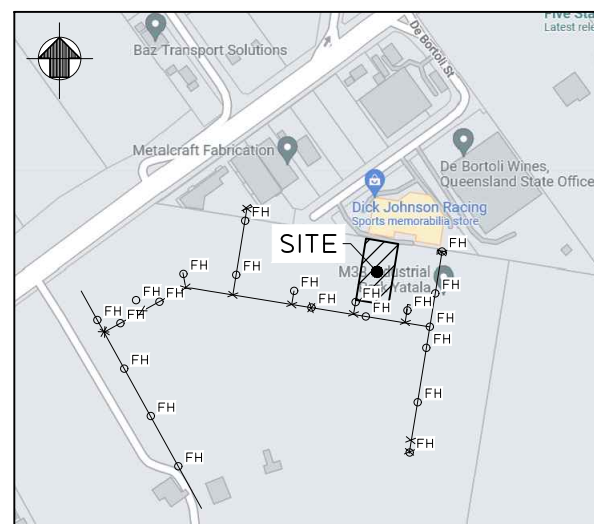
WATER FITTING TABLE

1	DN150 45.00° BEND	16.23kN
2	DN150 90.00° BEND	41.70kN
3	DN150 END CAP	21.21kN
4	DN150 DF VALVE	21.21kN
5	DN32 TAPPING BAND	-

NOTE:
REFER DRG 21149/C31 FOR WATER
RETICULATION DETAILS AND NOTES.



DETAIL 'A'
SCALE 1:50



LOCALITY PLAN
N.T.S.

CONNECTION 1

STREET	EASTRIDGE STREET
LENGTH	1.0m
TYPE OF MAIN	150 DICL PN35
DATE COMMENCED	DATE COMPLETED
SIGNATURE	

0 2 4 6 8 10
SCALE 1:200 (A1 SIZE)

CODE	REVISION	DATE	BY
D	FOR CONSTRUCTION	17.10.22	VK
C	FOR APPROVAL	15.11.21	VK
B	FOR APPROVAL	14.10.21	VK
A	PRELIMINARY ISSUE	01.10.21	VK

Client	BENSTEAD HOLDAWAY
Project	
Address	
City	
State	
Postcode	

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Scale (at A1)	AS SHOWN
Designed	HM
Checked	HM
Drawn	VK
Date	SEP 21
Authorised	
RPEQ	

Project
**PROPOSED INDUSTRIAL
DEVELOPMENT**
Address
**LOT 118 EASTRIDGE STREET,
STAPYLTON**

Drawing title	WATER RETICULATION PLAN	
Drawing No	21149/C30	Revision Code
		D

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND WATER SUPPLY CODE SPECIFICATIONS AND STANDARDS.
2. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORKS SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
3. ADOPT TOP OF KERB OR SHOULDER OF ROAD AS PERMANENT LEVEL.
4. COVER ON MAINS FROM PERMANENT LEVEL TO BE AS SHOWN IN SEQ-WAT-1200-2.
5. EMBEDMENT TO BE IN ACCORDANCE WITH SEQ CODE 1200 SERIES STANDARD DRAWINGS. EMBEDMENT TYPE TO BE CONFIRMED WITH GEOTECHNICAL ENGINEER. MINIMUM TYPE C REQUIRED.
6. REFER WSA WATER SUPPLY CODE OF AUSTRALIA APPENDIX C, SECTION C3.3 FOR SPACING OF CUT IN CONNECTION HOLES AND LOCATION OF OFF-TAKES.
7. CONDUITS TO BE INSTALLED IN ACCORDANCE WITH THE STANDARD DRAWINGS.
8. 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.
9. 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.
10. ALL CONCRETE FOOTPATHS TO BE CLEAR OF WATER MAINS.
11. TEST/CHLORINATION POINTS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NO.SEQ-WAT-1410-1.
12. 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 INTO COUNCIL'S RETICULATION SYSTEM.
13. REFER SEQ-WAT-1301-1, 1302-1, 1303-1, 1305-1, 1306-1 AND 1409-1 FOR HYDRANT AND STOP VALVE CONSTRUCTION REQUIREMENTS, AND SEQ-WAT-1307-2 FOR SCOUR VALVE CONSTRUCTION REQUIREMENTS.
14. ALL WATER SUPPLY VALVES, HYDRANTS AND SERVICES ARE TO BE LOCATED CLEAR OF EXISTING AND PROPOSED VEHICLE CROSSINGS.
15. ALL TRENCHES IN TRAFFICABLE AND NON TRAFFICABLE ZONES SHALL BE BACKFILLED TO DENSITY RATIOS, FREQUENCIES AND LAYER INTERVALS IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARDS. ALL TEST RESULTS SHALL BE MADE AVAILABLE TO THE SUPERINTENDENT AS THEY BECOME AVAILABLE.
16. ALL DISTURBED AREAS TO BE TOPSOILED AND TURFED.
17. PROPOSED AND EXISTING WATER METER BOXES TO BE CLEANED OF DIRT AND DEBRIS PRIOR TO PLAN SEALING.
18. PRIOR TO THE COMMENCEMENT OF WORK THE CONTRACTOR SHALL ARRANGE FOR AN APPROVED TRAFFIC PLAN AND SEEK APPROVAL FROM PLANNING AND TRAFFIC BRANCH. WORK MAY BE REQUIRED TO BE CARRIED OUT DURING WEEKENDS AND/OR LATE AT NIGHT ONLY.

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

1. TOPSOIL AND SUBSOIL SHOULD BE STOCKPILED SEPARATELY.
2. CARE SHOULD BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.
3. ACID SULPHATE SOILS ARE NOT LIKELY TO BE ENCOUNTERED IN THE WORKS AREA. HOWEVER IF ACID SULPHATE SOILS ARE ENCOUNTERED, SUITABLE REMEDIATION MEASURES WILL BE IMPLEMENTED.

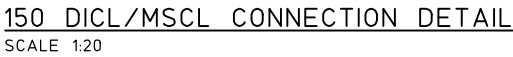
1. SILTATION CONTROL MEASURES SHOULD BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
2. APPROPRIATE SEDIMENT CONTROLS SHOULD BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
3. NO SOIL SHOULD BE STOCKPILED WITHIN 5m OF A CREEK.

1. PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS ARE TO BE REINSTATED.
2. PREDISTURBANCE VEGETATION PATTERNS SHOULD BE RESTORED.

1. THE DESIGN AND CONSTRUCTION OF THE WORKS SHALL COMPLY WITH ALL QUEENSLAND LEGISLATION.

1. WHERE CONNECTION IS TO BE MADE TO EXISTING CONSTRUCTION THE CONTRACTOR SHALL CONFIRM THE LOCATION AND LEVEL OF THIS CONSTRUCTION PRIOR TO COMMENCING WORK ON ANY CRITICAL SECTION. THE ENDORSED CONSULTANT MAY VARY LEVELS AND GRADIENTS OF NEW WORKS TO ACHIEVE A SATISFACTORY CONNECTION.
2. LEVEL DATUM IS AHD.
3. ALL DIMENSIONS ARE IN METRES U.O.
4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY BENCH MARK LEVELS AND ADVISE THE SUPERINTENDENT OF ANY DISCREPANCIES.

SOIL CLASSIFICATION TO BE CONFIRMED WITH GEOTECHNICAL
ENGINEER TO CONFIRM THRUST BLOCK DETAILS. THRUST
BLOCK DETAILS TO BE IN ACCORDANCE WITH THE
SEQ-WAT-1205-1, 1206-1 & 1207-1.



AS CONSTRUCTED		RECEIVED
BY		
UTILITY/DELEGATE		
DATE		/ /
ON MAINTENANCE DETAILS		
START / /		FINISH / /
UTILITY/DELEGATE'S COMMENTS		
FUNDING		
PRIVATE BOOSTER REQUIRED? YES/NO		
FUNDED BY UTILITY () COUNCIL ()		
FED GOV'T () STATE ()		
DEVELOPER () OTHER ()		
DRS OFFICER		
DATE RELEASED		/ /
PLAN CUSTODIAN		
OFFICER/REC'D		/ /
DATE RELEASED		/ /
LIVE CONNECTION(S)/PASSED(W)		
REFERENCE		
DATE		/ /
GIS CAPTURE		
JOB NUMBER		
OFFICER		
DATE		/ /
GIS COMMENTS		

No.	DESCRIPTION	DIA WATER
1(A)	GOLD COAST WATER TO CONSTRUCT DN150 SERVICE WITH 150mm METER TO SERVICE LOT 118 AT THE DEVELOPERS EXPENSE.	150
2(A)	GOLD COAST WATER TO CONSTRUCT DN32 SERVICE WITH 25mm METER TO SERVICE LOT 118 AT THE DEVELOPERS EXPENSE.	150

ESTATE/STAGE		GOLD COAST CITY COUNCIL			
SITE ADDRESS		LOT 118 EASTRIDGE STREET, STAPYLTON			
FILE/APPLICATION					
GCCC DELEGATES APP. DATE					
CLIENT		BENSTEAD HOLDAWAY			
MAINS	DIAMETER	MATERIAL		LENGTH	
		DESIGN	CONST	DESIGN	CONST
	63	-	-	-	-
	100	-	-	-	-
	150	-	-	-	-
	200	-	-	-	-
SERVICES	DIAMETER	MATERIAL		LENGTH	
		DESIGN	CONST	DESIGN	CONST
	32	PE100 PN16	-	1500	-
	100	-	-	-	-
	150	DICL/MSCL	-	2.180	-
METERS	DIAMETER	NUMBER			
	25	1			
	50	-			
	150	1			

[illegible]