



**SITE & GROUND FLOOR PLAN
WATER SERVICES**

SCALE 1:100

GENERAL NOTES

1. ALL WORK TO CONFORM TO AS/NZS 3500 Part 1, 2 & 3.
2. ALL WORK TO CONFORM WITH ALL RELEVANT AUSTRALIAN STANDARDS.
3. CONTRACTOR TO VERIFY ALL LEVELS BEFORE COMMENCING WORK TO ENSURE CONNECTION TO SERVICE WITH ADEQUATE COVER AND FALL.
4. THE EXISTING UNDERGROUND SERVICES SHOWN HAVE BEEN OBTAINED FROM OLD RECORDS OF THE RELEVANT AUTHORITIES AND MAY NOT BE ACCURATE, THE CONTRACTOR SHALL ALLOW TO LOCATE EXISTING SERVICES AS REQUIRED FOR CONNECTION.
5. THE CONTRACTOR IS TO ALLOW FOR ALL COSTS ASSOCIATED WITH THE APPROPRIATE SEISMIC DESIGN AND INSTALLATION TO ACHIEVE COMPLIANCE WITH AS 1704.

PIPE SIZING NOTE:

COLD WATER:
20 mm TO 2 OR MORE FIXTURES UNLESS NOTED OTHERWISE.
15 mm TO INDIVIDUAL FIXTURES (MAXIMUM 3m)
UNLESS NOTED OTHERWISE.

HOT / WARM WATER:
15 mm THROUGHOUT UNLESS NOTED OTHERWISE.

TEMPERING VALVES TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3500.

NOTE: PIPEWORK TO BE COPPER TYPE B.

P. A. No.

RPD : LOT 325 ON SP 273361

LEGEND

-----	EXISTING SERVICES DELETION
-----s-----	EXISTING SEWER
-----sd-----	EXISTING SANITARY DRAIN
-----sp-----	EXISTING SANITARY PLUMBING
-----sw-----	EXISTING STORMWATER DRAIN
-----tw-----	EXISTING TRADE WASTE DRAIN
-----w-----	EXISTING WATER SERVICE
-----f-----	EXISTING FIRE SERVICE
-----g-----	EXISTING GAS SERVICE
-----	SANITARY DRAINAGE
-----CSW-----	CIVIL STORMWATER (REFER TO CIVIL DOCUMENTS)
-----sw-----	STORMWATER
-----rm-----	RISING MAIN (STORMWATER / SANITARY)
-----tw-----	TRADE WASTE DRAIN
-----rf-----	ROOF WATER
-----	VENT PIPE
-----/-----	AGI DRAIN
-----	COLD WATER SERVICE
-----	HOT WATER SERVICE (FLOW)
-----	WARM WATER SERVICE
-----np-----	NON-POTABLE COLD WATER SERVICE
-----rw-----	RAINWATER SERVICE
-----g-----	GAS SERVICE

SI 1	→ STACK NO.	SP 1	→ ELEVATED PIPEWORK RISER NO. / SIZE
VP 50	→ VENT PIPE SIZE	DP 100	→ DOWNPIPE SIZE
AAV	AIR ADMITTANCE VALVE	IL	INVERT LEVEL
AC	AIR CONDITIONING	JU	JUMP UP
B	BASIN	MH	MANHOLE
bth	BATH	ORG	OVERFLOW RELIEF GULLY
bwu	BOILING WATER UNIT	o/f	OVERFLOW
bt	BUCKET TRAP	pd	PLANTER DRAIN
c/p	CHROME PLATED	RL	REDUCED LEVEL
ca	CLEANERS SINK	RUDF	RAINWATER DOWNPIPE
cv	CONTROL VALVE	RUH	RAIN WATER HEAD
cwd	COLD WATER DROPPER	rw	RAINWATER
cwr	COLD WATER RISER	rwr	RAINWATER RISER
DCV	DOUBLE CHECK VALVE	rwd	RAINWATER DROPPER
df	DRINK FOUNTAIN	RWT	RAIN WATER TANK
dw	DISHWASHER	s/b	SHOWER/BATH
dp	DOWNPIPE	SDO	SPOON DRAIN OUTLET
DT	DISCONNECTOR TRAP	sk	SINK
EJ	EXPANSION JOINT	shr	SHOWER
FH	FIRE HYDRANT	SJ	SUWEL JOINT
FU	FIXTURE UNIT	SL	SURFACE LEVEL
fs	FIRE SERVICE	SS	STAINLESS STEEL
FHR	FIRE HOSE REEL	SW	STORMWATER
fcd	FIRE SERVICE DROPPER	wcd	WATER CLOSET
far	FIRE SERVICE RISER	t	LAUNDRY TUB
FU	FIXTURE UNIT	td	TUNDISH
fug	FLOOR WASTE GULLY	tg	TESTGATE
GO	GRATED OUTLET	TMV	THERMOSTATIC MIXING VALVE
gv	GATE VALVE	ur	URINAL
ged	GAS SERVICE DROPPER	vb	VANITY BASIN
gr	GAS SERVICE RISER	vp	VENT PIPE
hc	HOB/COOK	wc	WATER CLOSET
hwd	HOT WATER DROPPER	wm	WASHING MACHINE
hur	HOT WATER RISER	(e)	EXISTING
HYD	HYDRANT	(n)	NEW FIXTURE AT EXISTING LOCATION
huu	HOT WATER UNIT	(t)	TRAPPED
IC	INSPECTION CHAMBER	(t)	FIXTURE POINT SEALED AT FLOOR LEVEL
io	INSPECTION OPENING		
ios	I.O. TO SURFACE		

DATE	AMENDMENT DESCRIPTION	INTI.	REV.
07.09.24	ISSUED FOR CONSTRUCTION	SD	C
23.09.24	UPDATED LAYOUT & REVIEW	SD	B
24.04.24	PRELIMINARY	SD	A

**h design hydraulic
engineering group pty ltd**

HYDRAULIC • SERVICES • CONSULTANTS
P 3848 0333
E mail@hdesign.com.au
DESIGNER : ADAM REYNOLDS - QBCC No. 15273931

DESIGNER:

STRUXI DESIGN

OWNER:

**NORTHERN PENINSULA AREA
REGIONAL COUNCIL**

PROJECT:

**COMMUNITY HOUSING - BE
325 POI POI STREET
BAMAGA, QLD, 4876**

TITLE:

**SITE & GROUND FLOOR PLAN
WATER SERVICES**

NORTH POINT:	DATE: APRIL 2024	SCALE:
	DESIGNED: AR	1:100 @ A1
	DRAWN: SD	SHEET 2 OF 2
PROJECT NO:	24143-BE	DRAWING NO: H2
		REVISION: C

