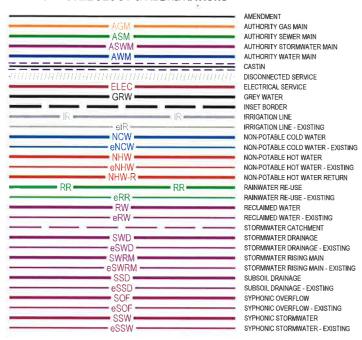
9 WAKOOKA AVE ELANORA HEIGHTS NSW DA ISSUE

The contractor is responsible for checking all dimensions and site conditions prior to commencing any work. Do not scale drawings, refer to figured dimensions only. Any discrepancies shall immediate be referred to ADCAR Consulting pty to for clarification. All drawings plans and specifications are the property of ADCAR Consulting pty ltd and must not be used, reproduced or copied wholly or in part without the written permission of ADCAR Consulting pty Itd.

STORMWATER SERVICES LEGEND

PIPEWORK SYMBOLOGY & ABBREVIATIONS



DRAWING SCHEDULE

DRAWING NUMBER	DRAWING SCALE	DRAWING TITLE
SW-000	NTS	COVER SHEET AND LEGEND - STORMWATER SERVICES
SW-100	1:200	SITE PLAN - STORMWATER SERVICES
SW-101	1:100	GROUND FLOOR PLAN - STORMWATER SERVICES
SW-102	1:100	ROOF PLAN - STORMWATER SERVICES
SW-200	1:200	SEDIMENT AND EROSION CONTROL PLAN - STORMWATER SERVICES

ABBREVI

SYMBOLS	
0	RISER
ğ	DROP / RISE
C	DROPPER
2	TEE DROPPER
	PIPEWORK CAP
\$ #	PIPEWORK CONTINUATION
	UNDOCUMENTED CONTINUED LINE PIPEWORK SECTION
	DIRECTION ARROW
H	NEW CONNECTION
V. VVV	
X-XXX	NEXT DRAWING
	DIRECTION OF FLOW
[SERVICE DESCRIPTION
	SERVICE SIZE
<u> </u>	DIRECTION OF FLOW
M	STOP VALVE
Ø.	CHECK VALVE
osia	3 - WAY VALVE BALL VALVE
DOCK	REDUCED PRESSURE ZONE DEVICE
DB	PRESSURE RELIEF VALVE
	PRESSURE LIMITING VALVE
DDI	DOUBLE CHECK VALVE
B	INFRA RED SENSOR
P	WATER FILTER
<u> </u>	REFLUX VALVE
古	REFLUX VALVE IN PIT
8	PATHBOX
Ħ	EXPANTION JOINT
<u>@</u>	PRESSURE GAUGE
ES PS	FLOW SWITCH
PS	PRESSURE SWITCH WATER POINT
4	HOSE TAP
	PUMP
Ď	CONTROL PANEL
0	CLEAROUT TO SURFACE
	SYPHONIC OUTLET
•	RAINWATER OUTLET
ψ	SPREADER
4	OVERLAND FLOW ARROW
→	STORMWATER FLOW ARROW
	PENETRATION / CORE HOLE IN SLAB
	BEAM PENETRATION REDUCER
	REDUCER
	STORMWATER GRATE
	STORMWATER COVER
	TRENCH GRATE
	REVISION
	KERB ENTRY PIT
	HAY BALE

ABBREVIATIONS

AS	Australian Standards
BCA	Building Code Of Australia
BDO	Balcony Drain Outlet
BR	Brass
BV	Ball Valve
BWL	Bottom Water Level
CHV	Check Valve
CI	Cast Iron
CIC	Cast In Column
CICL	Cast Iron Cement Lined
CIS	Cast in Slab
CL	Ceiling Level
cos	Clear Out To Surface
CP	Chrome Plated
CU	Copper
CV	Control Valve
DCV	Double Check Valve
DCV-A	Double Check Valve Assembly
DIA	Diameter
DICL	Ductile Iron Cement Lined
DP	Downpipe
DWG	Drawing
e	Existing
ECV	Expansion Control valve
ΕĴ	Expansion Joint
ELEC	Electrical Service
FCR	For Continuation Refer
FFL	Finished Floor Level
FRC	Fibre Reinforced Concrete
FSL	Finished Surface Level
GAL	Galvanised
GD	Grated Drain
GDO	Grated Drain Outlet
GL	Ground Level
GMS	Galvanised Mild Steel
GO	Gutter Outlet
GV	Gate Valve
H/L	High Level
HD	Heavy Duty
HDPE	High Density Polyethylene
HP	High Point
HV	-
HV ID	High Voltage Inside Diameter
IL IC	Invert Level
10	Inspection Opening
IS	Inspection Shaft
IV	Isolation Valve
JU	Jump Up
KIP	Kerb Inlet Pit
KPA	Kilopascal
KW	Kilowatt
L	Litres
L/L	Low Level
L/S	Litres Per Second
LD	Light Duty

ARRESVIATIONS cont

ABBRE	VIATIONS cont.
LV	Low Voltage
M	Metre
M.HEAD	Metres Head
M/S	Metres per Second
M3/HR	Cubic Metres per Hour
MDPE	Medium Density Polyethylene
MIN	Minimum
MJD	Movement Joint Drain
MM	Millimetres
MS	Mild Steel
NRV	Non-Return Valve
NTS	Not To Scale
O/F	Overflow
OD	Outside Diameter
OJ	Oblique Junction
PDO	Planter Drain Outlet
PG	Pressure Gauge
PLV	Pressure Limiting Valve
PRV	Pressure Relief Valve
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
RHS	Rectangular Hollow Section
RL	Reduced Level
RPZD	Reduced Pressure Zone Device
RV	Reflux Valve
RWH	Rain Water Head
RWO	Rainwater Outlet
S/S	Stainless Steel
SDO	Spoon Drain Outlet
SL	Surface Level
SO	Syphonic Outlet
SOF	Syphonic Overflow
SPD	Spreader
SQ SSL	Square Structural Slab Level
STD	
SV	Sprinkler Test Drain
SWIP	Stop Valve Stormwater Inspection Pit
SWMH	Stormwater Manhole
SWP	Stormwater Namhole
SWS	Stormwater Sump
SYP	Syphonic
ТВ	Thrust Block
TBR	To Be Removed
TEL	Telecommunication Service
TG	Trench Grate
TWL	Top Water Level
TYP	Typical
U/S	Underside
UNO	Unless Noted Otherwise
UPVC	Unplasticised Polyvinal Chlorid
UV	Ultra Violet
VCP	Vitrified Clay Pipe
WL	Water Level

DATE	DESCRIPTION		DRN	APP
14.01.19	PRELIMINARY ISSUE		MA	PC
29.01.19	DA ISSUE		MA	РС
	14.01.19	14.01.19 PRELIMINARY ISSUE	14.01.19 PRELIMINARY ISSUE	14.01.19 PRELIMINARY ISSUE MA

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RAINWATER HEAD

rawing Title

COVER SHEET AND LEGEND STORMWATER SERVICES



48 KALANG RD ELANORA HEIGHTS NSW 2101 Project:

9 WAKOOKA AVE ELANORA HEIGHTS, NSW



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