

HYDRAULIC SERVICES LEGEND

SYMBOLS

ABBREVIATIONS cont.

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DRAWING SCHEDULE

	RISER
	DROP / RISE
	DROPPER
	TEE DRAPPER
	PIPEWORK CAP
	PIPEWORK CONTINUATION
	UNDOCUMENTED CONTINUATION LINE
	PIPEWORK SECTION
	DIRECTION ARROW
	NEW CONNECTION
	NEXT DRAWING
	DIRECTION OF FLOW SERVICE DESCRIPTION
	SERVICE SIZE
	DIRECTION OF FLOW
	STOP VALVE
	CHECK VALVE
	BALANCING VALVE
	3-WAY VALVE
	BALL VALVE
	REDUCED PRESSURE ZONE DEVICE
	PRESSURE RELIEF VALVE
	PRESSURE LIMITING VALVE
	SOLENOID VALVE
	DOUBLE CHECK VALVE
	INFRA RED SENSOR
	MONITORED VALVE
	THERMOSTATIC MIXING VALVE
	TEMPERING VALVE
	WATER FILTER
	REFLUX VALVE
	REFLUX VALVE IN PIT
	PATHBOX
	WATER METER
	GAS METER
	EXPANSION JOINT
	STRAINER
	PRESSURE GAUGE
	FLOW SWITCH
	PRESSURE SWITCH
	WATER POINT
	TAP SET
	HOSE TAP
	BAYONET POINT
	REGULATOR
	PUMP
	CONTROL PANEL
	FIRE HOSE REEL
	HOT WATER UNIT
	FIRE HYDRANT
	STREET HYDRANT
	DUAL SUCTION POINT
	QUAD SUCTION POINT
	DUAL BOOSTER POINT
	QUAD BOOSTER POINT
	FLOORWASTE
	TUNDISH
	BUCKET TRAP FLOORWASTE
	CLEAROUT TO SURFACE
	SEWER MANHOLE
	BOUNDARY TRAP
	SURCHARGE GULLY
	INSPECTION SHAFT
	INDUCT PIPE MICA FLAP
	KAMILLOCK CONNECTION
	AIR ADMISSION VALVE
	SYPHONIC OUTLET
	RAINWATER OUTLET
	SPREADER
	OVERLAND FLOW ARROW
	STORMWATER FLOW ARROW
	PENETRATION / CORE HOLE IN SLAB
	BEAM PENETRATION REDUCER
	GREASE ARRESTOR
	STORMWATER GRATE
	STORMWATER COVER
	TRENCH GRATE
	REVISION
	KERB ENTRY PIT
	THRUST BLOCK
	P.A.P.A VALVE
	RAINWATER HEAD

AAV	Air Conditioning
AAV	Air Admittance Valve
AHD	Australian Height Datum
ASD	Australian Standards
B	Basin
BBQ	Barbecue
BBQ	Brigade Booster Valve
BCA	Building Code of Australia
BOD	Biological Oxygen Demand
BIDET	Bidet
BM	Main Baffle
BP	Baypoint Point
BS	Basin
BSK	Bar Sink
BT	Boundary Trap
BTWFH	Bucket Trap Floorwaste Gully
BTH	Bath
BV	Ball Valve
BWL	Bottom Water Level
BWU	Boiling Water Unit
CHV	Check Valve
CHWU	Cooled Water Unit
CIL	Cast Iron
CICL	Cast Iron in Column
CICL	Cast Iron Cement Cased
CIS	Cast in Slab
CIL	Cement Lined
CO	Clean Out
CS	Clear Out To Surface
CP	Chrome Plated
CSK	Cleaners Sink
CSU	Condensate Stack
CSU	Cook Top
CW	Copper
CV	Control Valve
OWM	Cold Water Meter
DB	Double
DBV	Double Basin
DCV-A	Double Check Valve Assembly
DF	Drinking Fountain
DISC	Disconnector
DIA	Diameter
DICL	Ductile Iron Cement Lined
DR	Drainage
DP	Downpipe
DTU	Drain Turn Turn Up
DU	Dental Unit
DWC	Disinfectant Water Closet
DWG	Drawing
ECM	Electric Control Machine
ECV	Electric Control Valve
EJ	Electrical Junction
EJ	Electrician Service
EW	Ewe Wash
EW	Exhaust
FC	Face Cupboard
FCR	For Continuation Refer
FD	Floor Drain
FIL	Finished Floor Level
FR	Fire Hydrant
FHBV	Fire Hydrant Booster Valve
FHV	Fire Hose Reel
FHV	Fire Hydrant Valve
FIP	Fire Isolating Panel
FR	Fridge
FR	Reinforced Concrete
FSL	Flushing Sink Level
FSL	Flushing Surface Level
FR	Fire Hose Reel
FR	Future Units
FV	Flood Valve

FW	Flowmate (Untrapped)
FWG	Flowmate Gully (Trapped)
GA	Greece Armrest
HAL	Galvalume
GD	Grated Drain
GDO	Grated Drain Outlet
GDU	Greece Drainage Turn Up
GRF	Gas Fire Piece
GRS	Greece Interceptor Trap
GL	Ground Level
GM	Gas Meter
GMS	Galvalised Mild Steel
GR	Greece
GR	Gas Regulator
GT	Greece Trap
GTU	Greece Turn Up
GV	Gully Vent
GWM	Glass Washing Machine
GWS	Greece Waste Stack
H	High Level
H/D	Heavy Duty
H/DPE	High Density Polyethylene
HP	High Point
HT	Hose Tap
HV	High Voltage
HWM	Hot Water Meter
HWU	Hot Water Unit
ID	Inside Diameter
IL	Invert Level
IM	Inside Manhole
IP	Inspection Opening
IPMF	Inspection Pipe Micra Flip
IV	Isolation Valve
J	Junction
KPA	Kilopascal Pit
KW	Kilowatt
L	Litres
L/L	Low Level
L/S	Litres Per Second
LD	Light Duty
LP	Liquid Petroleum Gas
LU	Loading Unloading
LU	Loading Units
LV	Low Voltage
M	Metre
M HEAD	Metres Head
M	Metres Per Second
M3/HR	Cubic Metres per Hour
MD	Medium Density Polyethylene
MIN	Minimum
MM	MMagbolites
MM	Millimetres
MM	Millimetres
MS	Mild Steel
NRV	Non-Return Valve
N/T	Not To Scale
N/S	Nylon
OF	Overflow
OD	Outside Diameter
OJ	Oblique Junction
OF	Overflow
PADA	Positive Air Pressure Attenuator
PDP	Plaster Drain Pipe
PPG	Cross Linked Polyethylene
PEX	Plastic Extruded Polyethylene
PL	Pressure Limiting Valve
PM	Post Mix

PRV	Pressure Relief Valve
PS	Pan Sanitiser
PSK	Pot Sink
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
REF	Refrigerated Drinking Fountain
RDF	Refrigerator
RHS	Rectangular Hollow Section
RL	Reduced Level
RPZD	Reduced Pressure Zone Device
RVP	Reflux Valve
RVP	Relief Vent Pipe
RWH	Rain Water Head
RWO	Rainwater Outlet
S/S	Stainless Steel
S/TR	Safe Tray
SB	Surge Basin
SDO	Spoon Drain Outlet
SHV	Shop Hopper
SHR	Shower
SIP	Sewer Inspection Pit
SK	Sink
SL	Surface Level
SMH	Sewer Manhole
SO	Synthetic Outlet
SOF	Synthetic Overflow
SPP	Spreader
SPR	Sprinkler
SQ	Square
SSH	Safety Shower
SSL	Structural Slab Level
SSJ	Stair
ST	Stack
STD	Sprinkler Test Drain
STER	Steriliser
SV	Stop Valve
SWP	Stormwater Inspection Pit
SWMH	Stormwater Manhole
SWP	Stormwater Pit
SWS	Stormwater Pump
SY	Synthetic
TB	Thrust Block
TBR	To Be Removed
TD	Tundish
TEL	Telecommunication Service
TG	Trench Grade
TL	Temperature Limiting Valve
TMV	Thermostatic Mixing Valve
TPRV	Temperature & Pressure Relief Valve
TTD	Trapped Tundish
TS	Trapped Waste Inspection Pit
TWL	Top Water Level
TWST	Trade Waste Stack
TWU	Tradewaste Turn Up
TY	Typical
U/S	Understorey
UNO	Unless Noted Otherwise
UNPC	Unplasticised Polyvinyl Chloride
UR	Urinal
UV	Ultra Violet
UW	Ultral Washer
VB	Vacuum Breaker
VCP	Vitrified Clay Pipe
WC	Water Closet
WL	Water Level
WM	Washing Machine (Clothes)
WST	Waste Stack
WT	Wash Trough

DRAWING NUMBER	DRAWING SCALE	DRAWING TITLE
SW-000	NTS	HYDRAULIC SERVICES COVER SHEET & LEGEND
SW-100	1:200	BASEMENT LEVEL 3 GROUND HYDRAULIC SERVICES PLAN
SW-101	1:200	BASEMENT LEVEL 3 HYDRAULIC SERVICES PLAN
SW-102	1:200	BASEMENT LEVEL 2 HYDRAULIC SERVICES PLAN
SW-103	1:200	BASEMENT LEVEL 1 HYDRAULIC SERVICES PLAN
SW-104	1:200	LOWER GROUND LEVEL HYDRAULIC SERVICES PLAN
SW-105	1:200	GROUND LEVEL HYDRAULIC SERVICES PLAN
SW-106	1:200	LEVEL 1 HYDRAULIC SERVICES PLAN
SW-107	1:200	LEVEL 2 HYDRAULIC SERVICES PLAN
SW-108	1:200	LEVEL 3 HYDRAULIC SERVICES PLAN
SW-109	1:200	LEVEL 4 HYDRAULIC SERVICES PLAN
SW-110	1:200	LEVEL 5 HYDRAULIC SERVICES PLAN
SW-111	1:200	LEVEL 6 HYDRAULIC SERVICES PLAN
SW-112	1:200	LEVEL 7 HYDRAULIC SERVICES PLAN
SW-113	1:200	ROOF LEVEL HYDRAULIC SERVICES PLAN
SW-114	AS NOTED	STORMWATER DETENTION AND RAINWATER STORAGE TANK DETAIL SHEET

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NOTE: SYMBOLS ARE DRAWN IN THE CORRECT POSITION BUT ARE NOT SHOWN TO SCALE.

[illegible]

COORDINATED REFERENCE DRAWINGS			
SERVICE	DRAWING NUMBER	ISSUE	DATE
ARCH			
MECH			
STRUCT			
ELEC			
CIVIL			

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Drawing Title:

HYDRAULIC SERVICES
COVER SHEET & LEGEND

North Point: 	Design:	BM	
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	Amendment Approved:	BL	
	Drawn:	BM	
	Date: AUGUST 2012 Scale: (A1) 1:200 Job No: 20120033 Dwg No: SW-000 Issued: C		



LOCALITY PLAN

NOT TO SCALE

FOR APPROVAL

NOTE:
THIS IS A STANDARD LEGEND. ALL SYMBOLS MAY NOT NECESSARILY BE USED IN THESE DRAWINGS.

PLOTTED BY: 'olison.ryan'
 PLOT DATE & TIME: 24 May, 2013 - 4:55pm



FS 581006



North Point: 	Design:		BM
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	Amendment Approved:		BL
	Drawn:		BM
	Date: August 2012		
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			Issue: C



North Point: 	Design:		BM
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	Drawn:		BM
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Job No: 20120033	Dwg No: SW-101	Issue: C	



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	Drawn:		BM
	Date: AUGUST 2012		
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	Dwg No: SW-102		



North Point: 	Design:		BM
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Job No: 20120033	Dwg No: SW-103	Issue: C	



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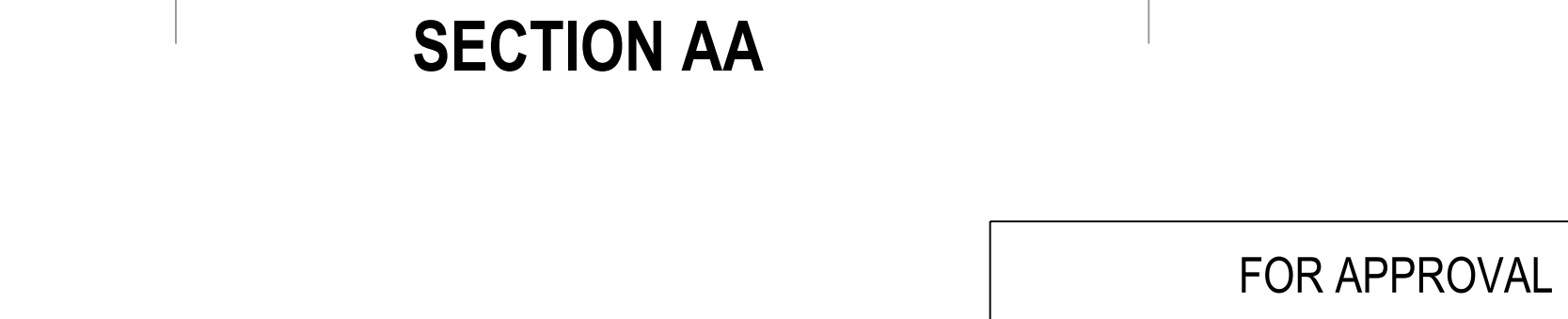
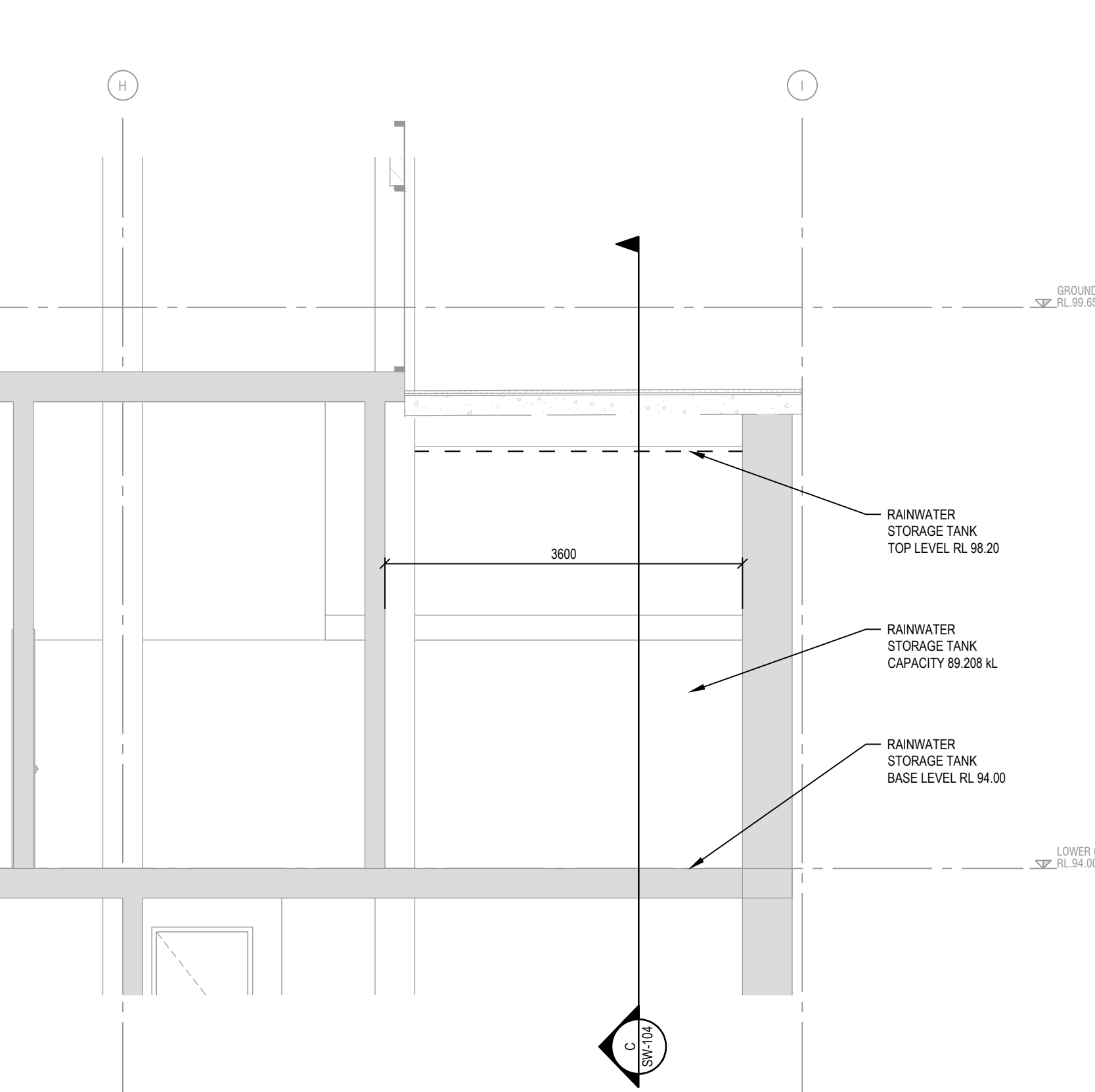
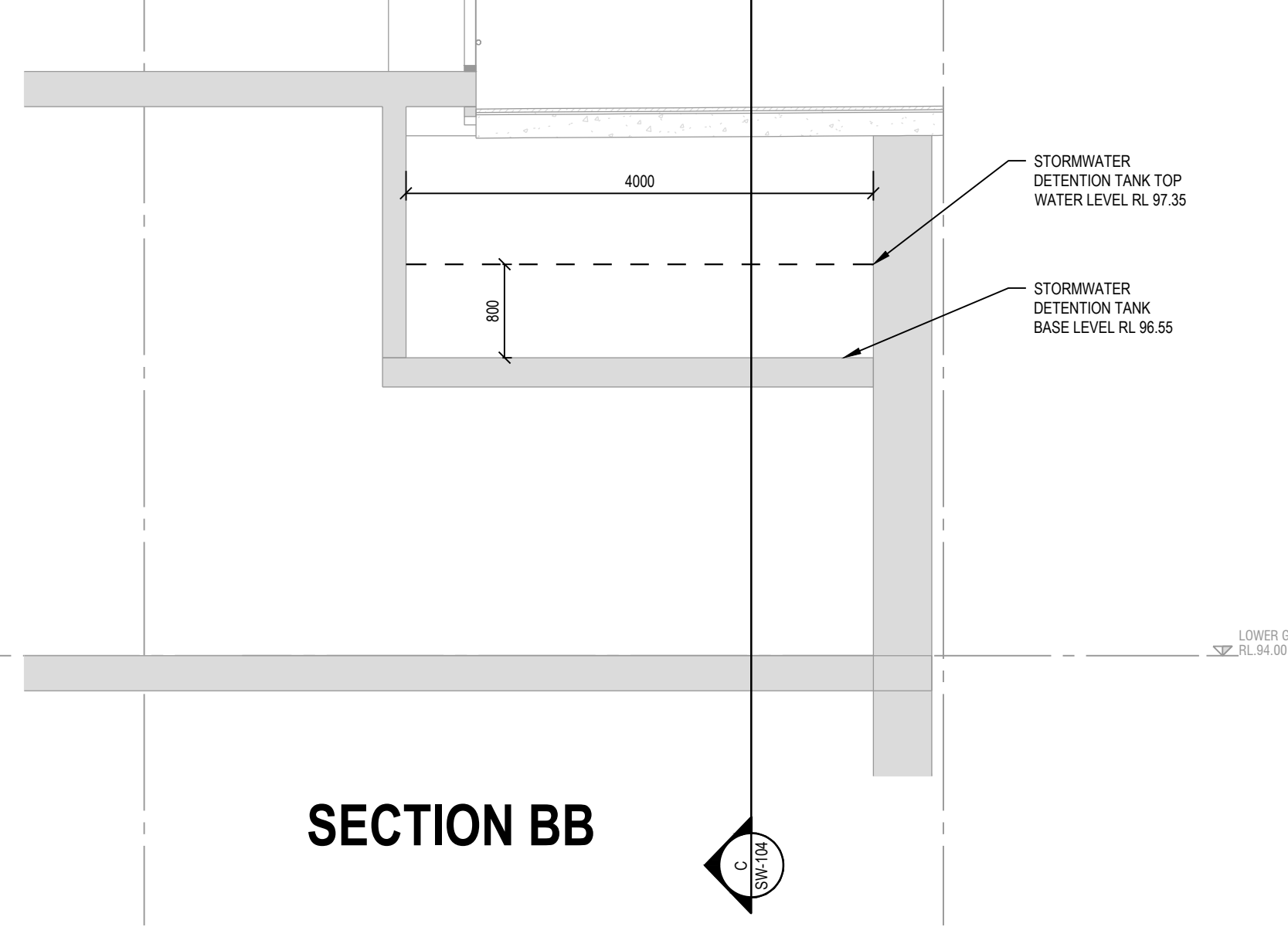
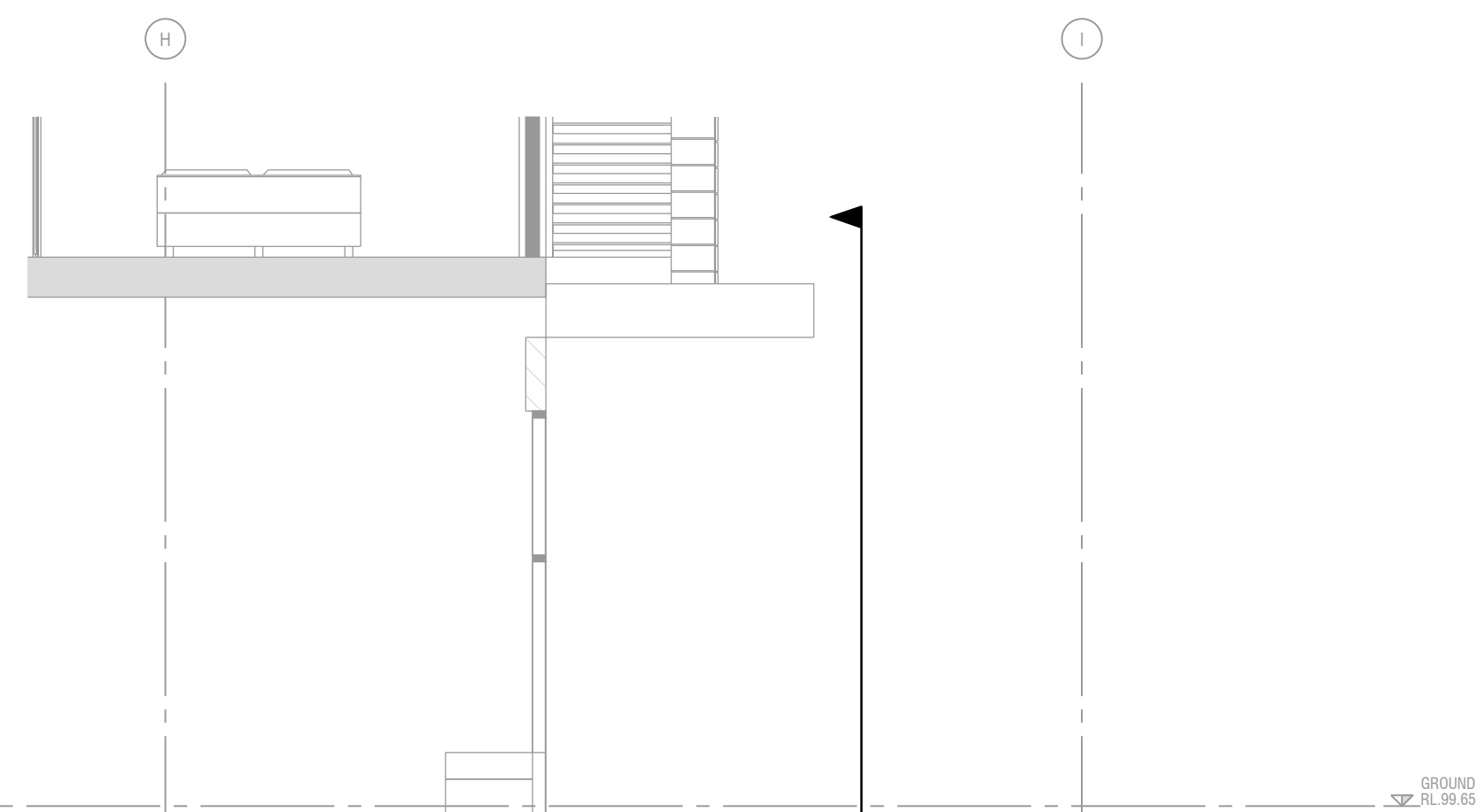
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