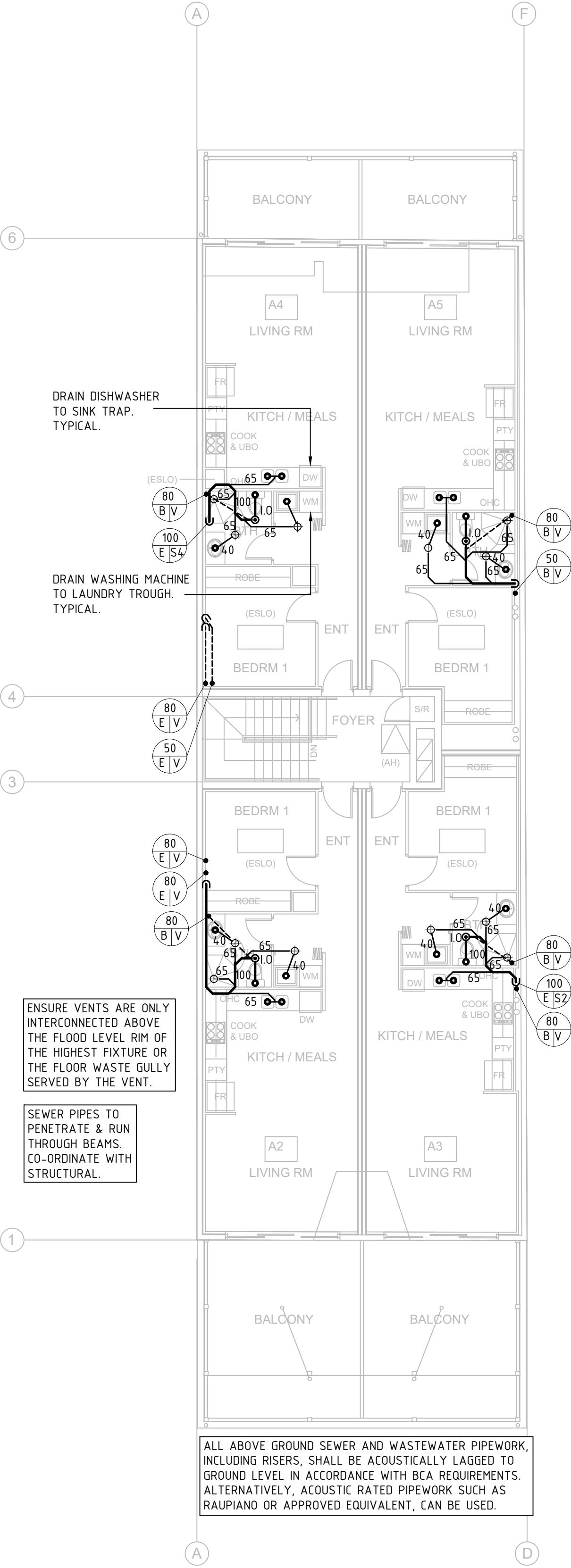


HYDRAULIC SERVICES - SEWER - GROUND FLOOR
SCALE: 1:100 @ A1



HYDRAULIC SERVICES - SEWER - FIRST FLOOR
SCALE: 1:100 @ A1

SEWER LEGEND	
SYMBOL	DESCRIPTION
	REDUNDANT SEWER PIPEWORK.
	EXISTING SEWER PIPEWORK TO REMAIN.
	NEW SEWER PIPEWORK. SIZE AS STATED.
	NEW GREASE WASTE PIPEWORK. SIZE AS STATED.
	NEW SEWER VENT PIPEWORK. SIZE AS STATED.
	NEW PUMPED SEWER MAIN.
	EXISTING SEWER CONNECTION.
	NEW SEWER CONNECTION.
	FLEXIBLE CONNECTION.
	INSPECTION OPENING: INTERNAL: CHROME PLATED COVER EXTERNAL: CONCRETE OR CAST IRON COVER
	GULLY TRAP.
	SEALED GULLY TRAP.
	SILT TRAP.
	BUCKET TRAP.
	FIXTURE OUTLET.
	TRAPPED TUNDISH. 'W' DENOTES 'IN-WALL'
	S/S BOXED TUNDISH (100x450).
	80/65mm FLOOR TRAP WASTE.
	SEALED FLOOR TRAP WASTE.
	SHOP RISER. 'GW' DENOTES GREASE WASTE. ALL SHOP RISERS TO BE INSTALLED WITH AN INVERT OF 600mm
	ROLL OVER BELOW SLAB.
	AIR ADMITTANCE VALVE
	RISER/DROPPER.
	RISER SIZE RISER TYPE LOCATION: A-AGAINST WALL B-BUILT/CHASED IN WALL C-BUILT IN CAVITY D-IN DUCT E-BOXED IN BY BUILDER
	IL 107.980 GL 108.910
	U/G UNDER GROUND
	U/S UNDER SLAB
SERVICE MATERIAL	
	PVC PRESSURE PIPE
	PE POLYETHELENE
	HDPE HIGH DENSITY POLYETHELENE

GENERAL NOTE:
1. ALL PIPE SIZES ARE SHOWN AS NOMINAL DIA (DN).

A	BUILDING APPROVAL ISSUE	CG	GJC	10.10.19
No	REVISION	DRAWN	CHE'KD	DATE

PROJECT

**PROPOSED MIXED
USE DEVELOPMENT**
AT: 76-78 COMMERCIAL ROAD
PORT ADELAIDE, SA
FOR: VITO GROUP PTY LTD.

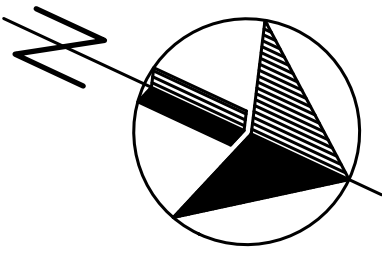
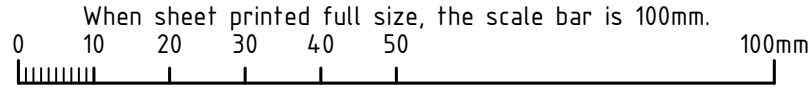
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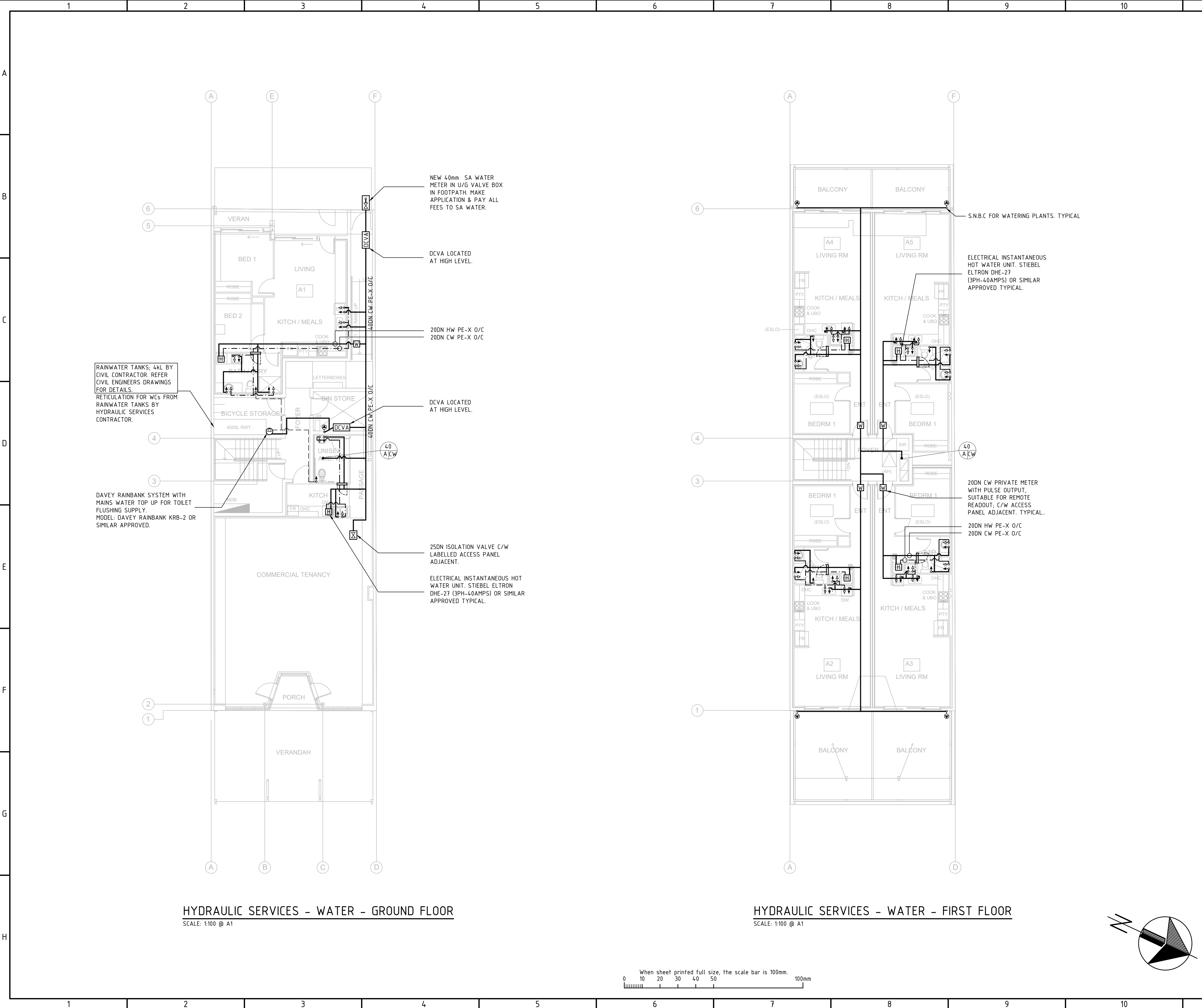
HYDRAULIC SERVICES - SEWER - FLOOR PLANS

Civil Environmental Mechanical Fire Lifts	Structural Geotechnical Electrical Hydraulics Green ESD
---	---

Level 6, 100 Pirie Street,
Adelaide SA 5000
Telephone 08 8238 4100
Facsimile 08 8410 1405
Berri Office: 25 Vaughan Terrace,
Berri SA 5343

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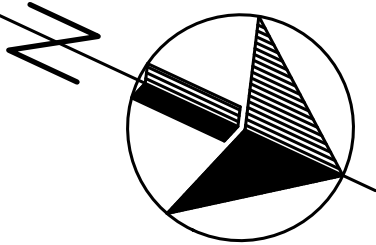
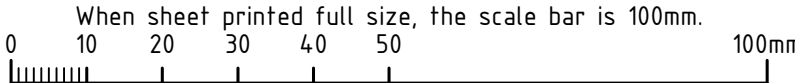


WATER AND GAS LEGEND	
SYMBOL	DESCRIPTION
	COLD WATER PIPEWORK.
	HOT WATER SUPPLY PIPEWORK.
	HOT WATER RETURN PIPEWORK.
	TEMPERED WATER PIPEWORK.
	RECLAIMED WATER PIPEWORK.
	GAS PIPEWORK.
	GAS METER.
	WATER METER.
	20 DN VALVE BOX FOR IRRIGATION.
	ISOLATING VALVE OVER CEILING.
	THERMOSTATIC MIXING VALVE OVER CEILING.
	WALL RECESSED VALVE BOX THERMOSTATIC MIXING/ISOLATION VALVE C/W/HW DENOTES DN 20 SUPPLY.
	WALL RECESSED VALVE BOX ISOLATION (C/W/HW) ONLY DENOTES DN 25 SUPPLIES AND VALVES.
	SINGLE CHECK VALVE ASSEMBLY.
	DOUBLE CHECK VALVE ASSEMBLY.
	COLD WATER SUPPLY.
	HOT WATER SUPPLY.
	Ø20 S.N.B.C. C/W HOSE CONNECTOR SYPHON BREAKER.
	WALL MOUNTED ISOLATION VALVE.
	HOT WATER UNIT.
	BOILING WATER UNIT.
	CHILLED / BOILING WATER UNIT.
	FILTRATION WATER UNIT.
	RISER/DROPPER.
	RISER SIZE
	RISER TYPE
	LOCATION:
	A-AGAINST WALL
	B-BUILT/CHASED IN WALL
	C-BUILT IN CAVITY
	D-IN DUCT
	E-BOXED IN BY BUILDER
	U/G UNDER GROUND
	U/S UNDER SLAB
	U/C UNDER CEILING
	U/R UNDER ROOF
	O/R OVER ROOF
	O/C OVER CEILING
SERVICE MATERIAL	
	Cu TYPE B COPPER
	RE REHAU
	PE-X CROSS LINK POLYETHYLENE
	PE POLYETHYLENE
	HDPE HIGH DENSITY POLYETHYLENE

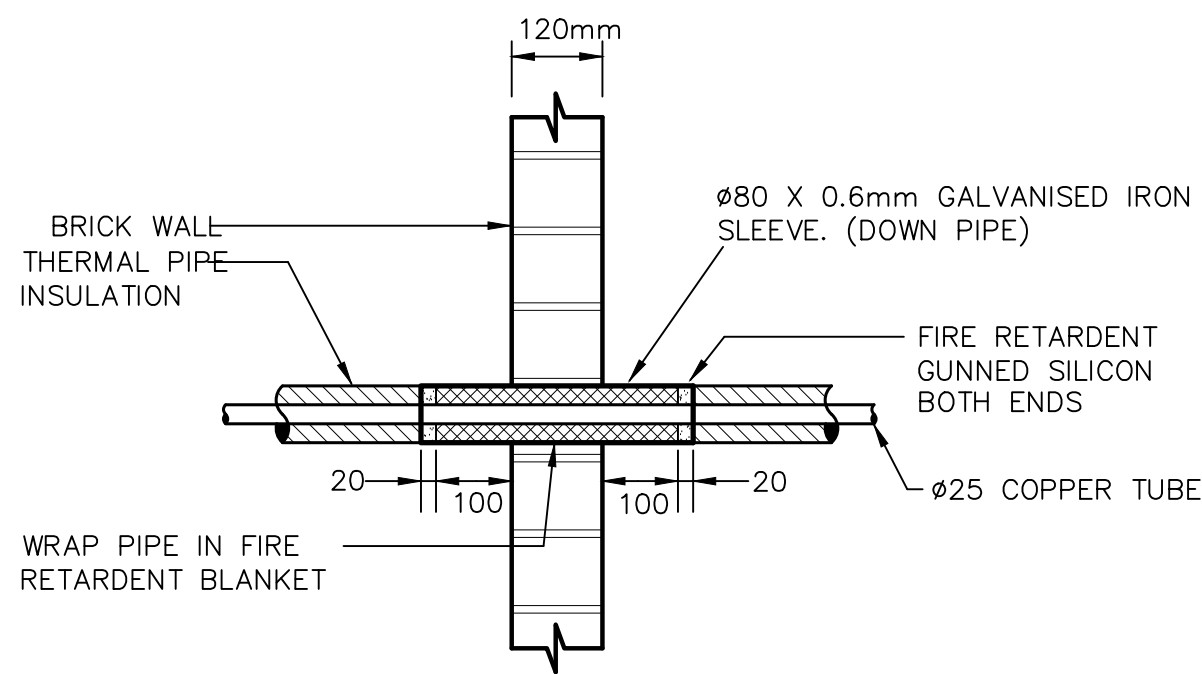
GENERAL NOTE:
1. ALL PIPE SIZES ARE SHOWN AS NOMINAL DIA (DN).

HYDRAULIC SERVICES - WATER - GROUND FLOOR
SCALE: 1:100 @ A1

HYDRAULIC SERVICES - WATER - FIRST FLOOR
SCALE: 1:100 @ A1

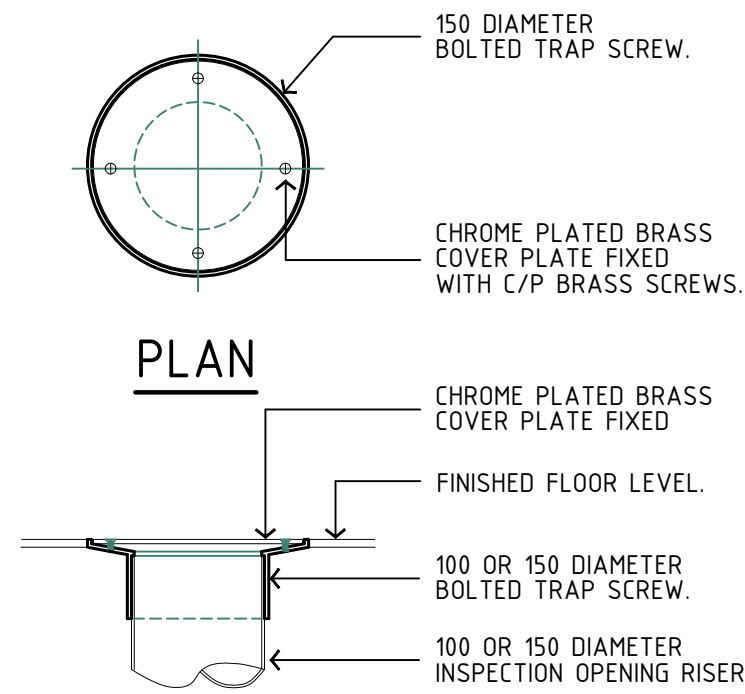


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No	REVISION	DRAWN	CHE'KD	DATE
PROJECT				
PROPOSED MIXED USE DEVELOPMENT AT: 76-78 COMMERCIAL ROAD PORT ADELAIDE, SA FOR: VITO GROUP PTY LTD.				
DRAWING TITLE				
HYDRAULIC SERVICES - SEWER - FLOOR PLANS				
Civil Structural Environmental Geotechnical Mechanical Electrical Fire Hydraulics Lifts Green ESD				
Level 6, 100 Pirie Street, Adelaide SA 5000 Telephone 08 8238 4100 Facsimile 08 8410 1405 Berri Office: 25 Vaughan Terrace, Berri SA 5343				
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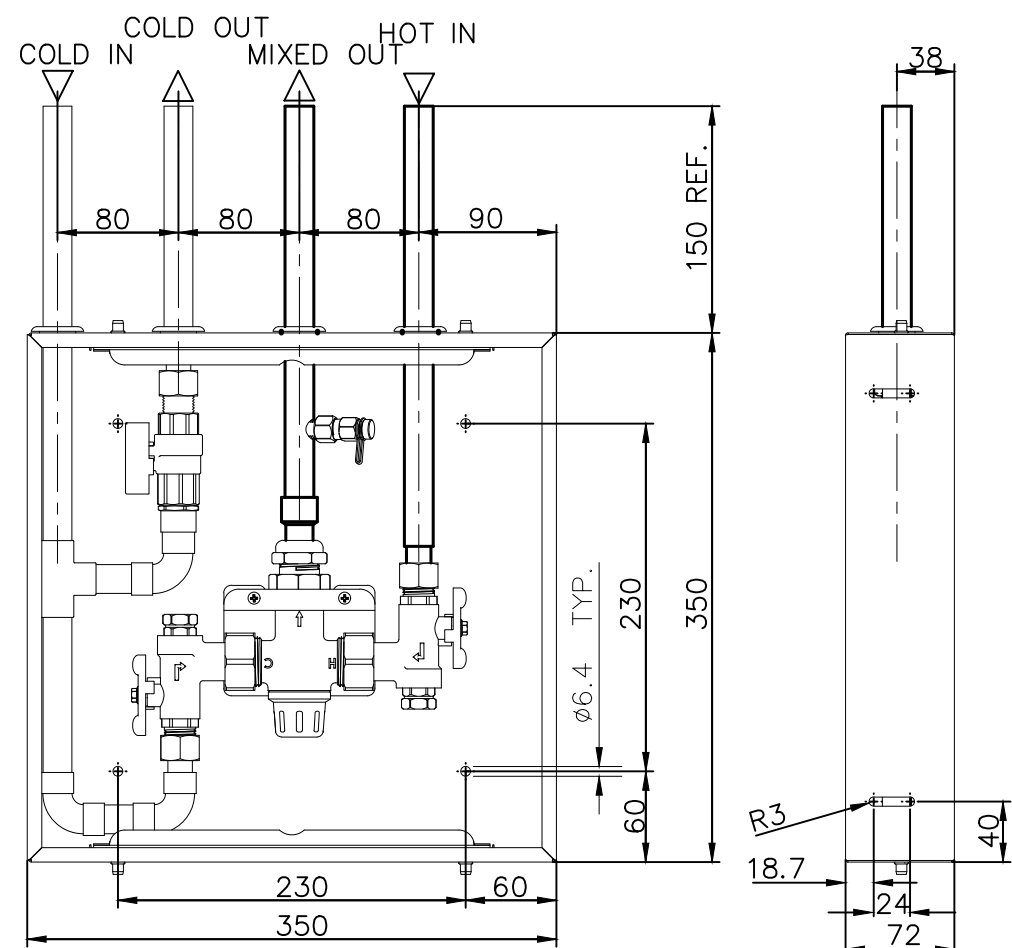
THERMAL BARRIER FOR FIRE WALL PENETRATIONS

N.T.S.



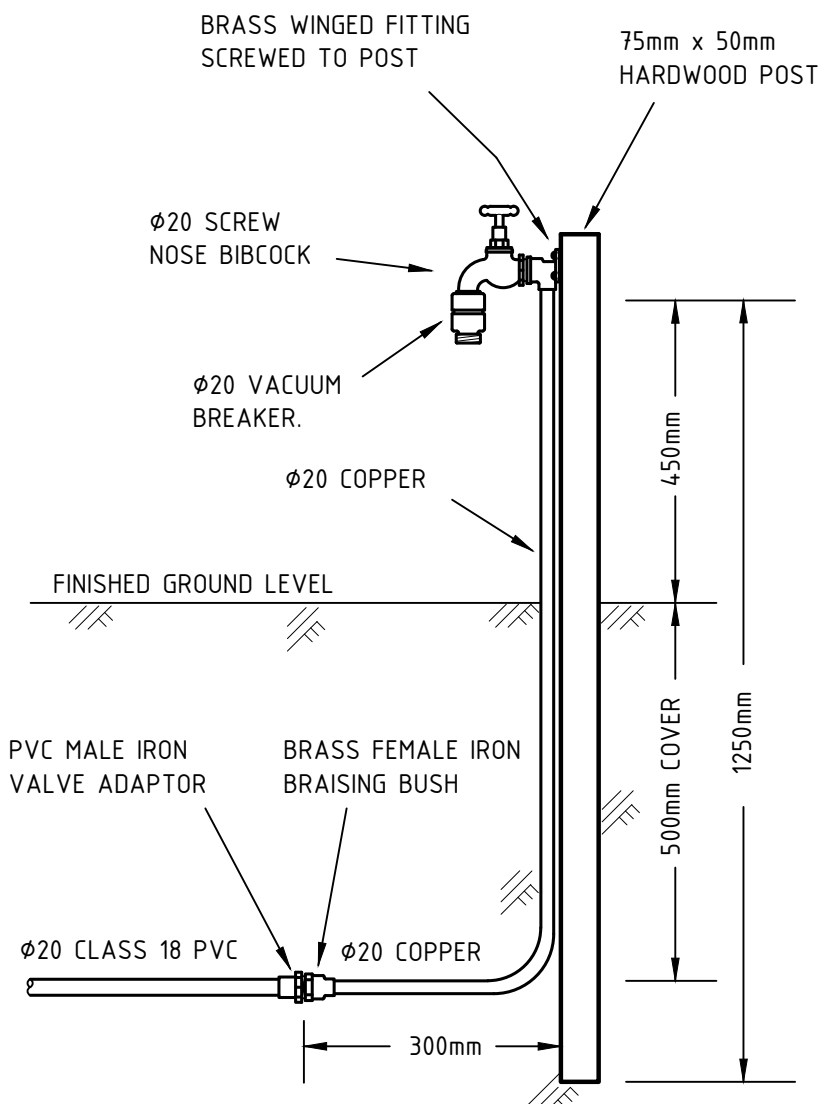
INTERNAL INSPECTION COVER DETAIL

N.T.S.



TYPICAL ENWARE TYPE AQUABLEND 1500 THERMOSTATIC MIXING VALVE WITH COLD WATER ISOLATION VALVE IN RECESSED VALVE BOX.

NOT TO SCALE

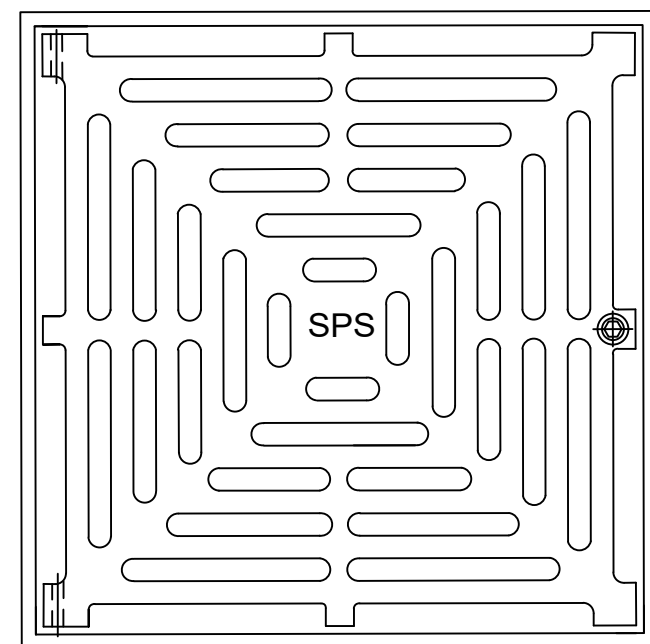


POTABLE WATER SUPPLY SCREW NOSE BIBCOCK DETAIL

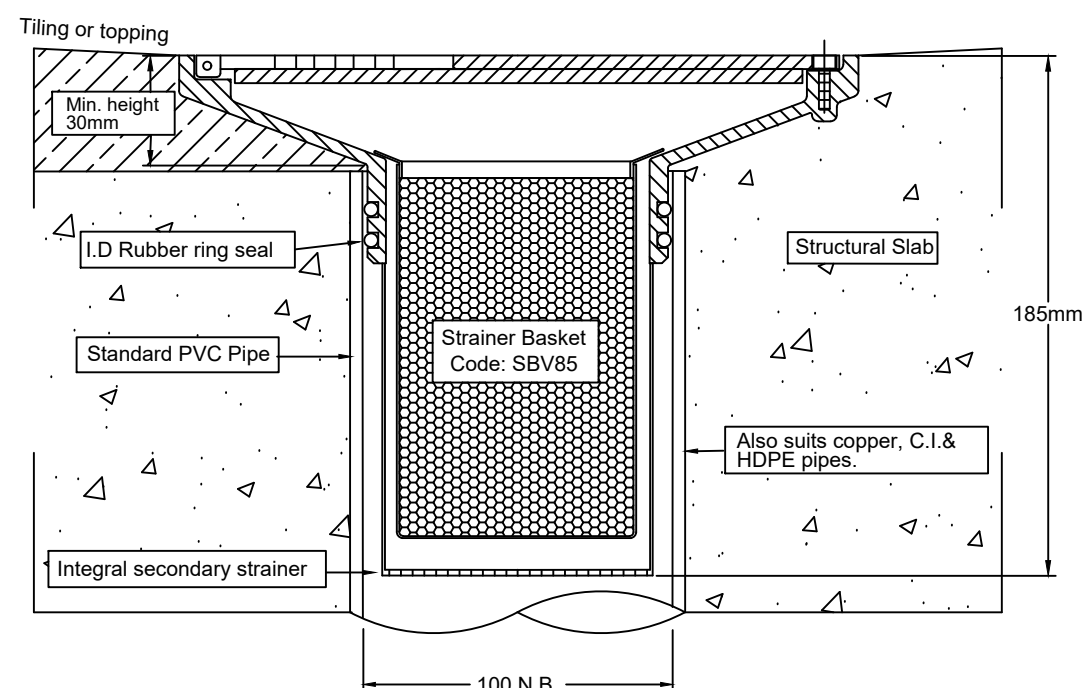
N.T.S.

SPS 200mm Square Push-in Bucket Trap

Specification code:
Q200SR-BT (304 stainless steel)



- Push-in bucket trap assembly in 304 stainless steel. 316 stainless steel grate assembly is non-stock option.
- Spigot fits inside 100mm PVC, copper, CI and HDPE.
- Includes stainless steel sediment basket and secondary strainer disk.
- Compatible with PVC leak control flanges for membraned applications.

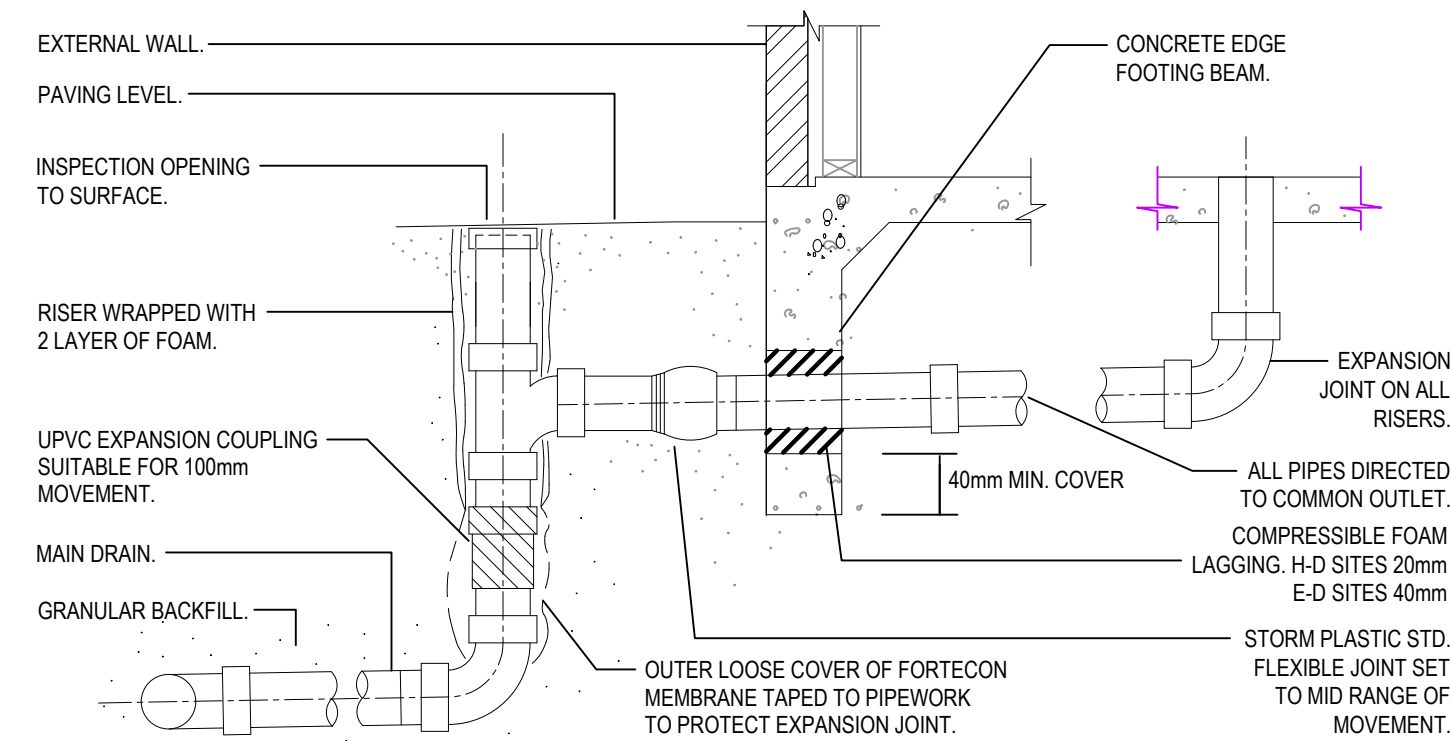


Speciality Plumbing Supplies Pty Ltd

Tel: (02) 9416 8031 Fax: (02) 9416 7614 E-mail: sps@bigpond.net.au

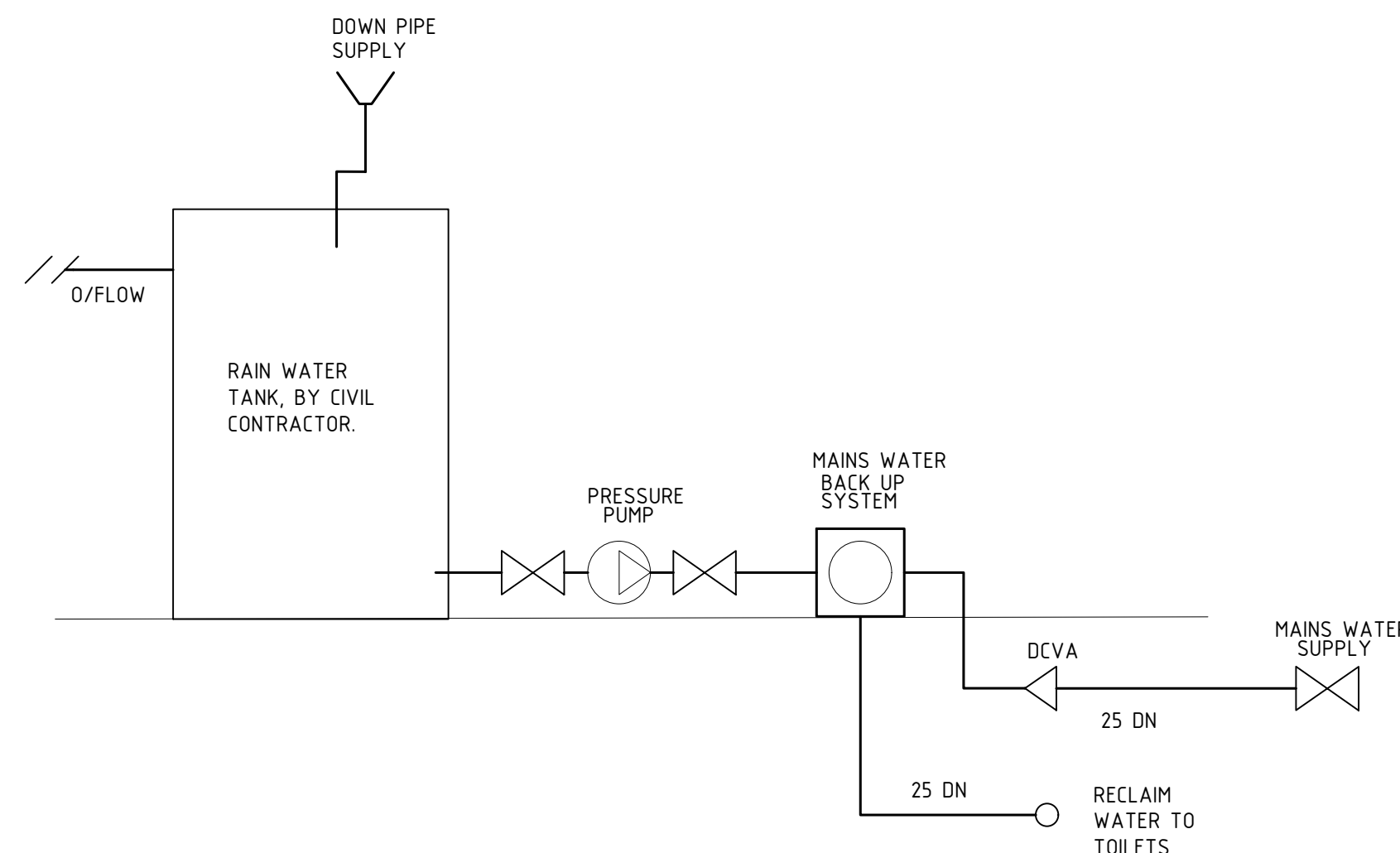
6.06

When sheet printed full size, the scale bar is 100mm.



TYPICAL SEWER EXPANSION JOINT DETAIL

NOT TO SCALE



RAINWATER RETICULATION

NOT TO SCALE

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PROJECT
**PROPOSED MIXED
USE DEVELOPMENT**
AT: 76-78 COMMERCIAL ROAD
PORT ADELAIDE, SA
FOR: VITO GROUP PTY LTD.

DRAWING TITLE
HYDRAULIC SERVICES - SEWER - FLOOR PLANS

Civil
Environmental
Mechanical
Fire
Lifts
Structural
Geotechnical
Electrical
Hydraulics
Green ESD
Level 6, 100 Pirie Street,
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