

PCLI - HENLEY

6 CROWN CLOSE, HENLEY, NSW 2111

HYDRAULIC SERVICES

PREPARED BY

COVA

Stronger Together



DRAWING SCHEDULE		
DRAWING NUMBER	DISCIPLINE	DRAWING TITLE
5511.008-1-H001	HYDRAULIC SERVICES	COVER PAGE & DRAWING SCHEDULE
5511.008-1-H002	HYDRAULIC SERVICES	DRAWING LEGEND
5511.008-1-H003	HYDRAULIC SERVICES	SPECIFICATION
5511.008-1-H004	HYDRAULIC SERVICES	SCHEMATIC & DETAILS
5511.008-1-H200	HYDRAULIC SERVICES	GROUND - SANITARY PLUMBING & STORMWATER LAYOUT
5511.008-1-H201	HYDRAULIC SERVICES	LEVEL 1 - SANITARY PLUMBING & STORMWATER LAYOUT
5511.008-1-H202	HYDRAULIC SERVICES	ROOF - SANITARY PLUMBING & STORMWATER LAYOUT
5511.008-1-H300	HYDRAULIC SERVICES	GROUND - HOT & COLD WATER RETICULATION LAYOUT
5511.008-1-H301	HYDRAULIC SERVICES	LEVEL 1 - HOT & COLD WATER RETICULATION LAYOUT

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LEGEND OF SYMBOLS

GENERAL	
SYMBOL	DESCRIPTION
	CONCEALED PIPEWORK
	CONDENSATE DRAIN
	DIESEL EXHAUST
	MECHANICAL DUCTWORK (REFER TO MECH DWGS FOR EXACT SETOUT)
	PIPE DROPPER (FIXTURE)
	PIPE DROPPER (BEND)
	PIPE DROPPER (TEE)
	PIPE RISER (TEE)
	VERTICAL PIPE RISER
	FLANGE CONNECTION TO EXISTING (UNION)
	BLANK FLANGE
	CAPPED END
	PIPE CAPPED FOR FUTURE CONNECTION WITH FLEXIBLE JOINT
	RISE & FALL IN THE DIRECTION OF WATER FLOW
	PIPE BREAK
	WATER FLOW DIRECTION
	PIPE DESIGNATION
	PIPE SIZE (xx - DENOTES SIZE)
	TD/MECH - TUNDISH FOR MECHANICAL SERVICES
	TD/BWU - TUNDISH FOR BOILING WATER UNIT
	SERVICES CONTINUATION "HOT" - DENOTES REFERENCE DWG No.
	DIRECTION OF FLOW (ASCENDING)
	SERVICE TYPE / No.
	PIPE FLOOR PENETRATION LABEL
	PIPE SIZE
	DIRECTION OF FLOW (DECENDING)
	BOILING WATER UNIT
	HOT WATER UNIT
	HSB - HYDRAULICS SERVICES SWITCHBOARD
	HCP - HYDRAULICS SERVICES CONTROL PANEL
	RELOCATE

SANITARY DRAINAGE & SEWER	
SYMBOL	DESCRIPTION
	SANITARY DRAINAGE
	TRADE WASTE DRAINAGE
	TRADE WASTE VENT PIPE
	SANITARY VENT PIPE
	SEWER RISING MAIN
	GREASE WASTE DRAINAGE
	GREASE WASTE SUCTION
	GREASY WASTE VENT PIPE
	EXISTING SEWER / SANITARY DRAINAGE
	EXISTING VENT PIPE
	EXISTING TRADE WASTE DRAINAGE
	EXISTING TRADE WASTE VENT PIPE

WATER SERVICES & GAS	
SYMBOL	DESCRIPTION
	COLD WATER
	HOT WATER
	HOT WATER RETURN
	NON POTABLE COLD WATER
	NON POTABLE HOT WATER
	NON POTABLE HOT WATER RETURN
	GAS
	WARM/TEMPERED WATER
	EXISTING COLD WATER
	EXISTING HOT WATER
	EXISTING GAS

STORMWATER	
SYMBOL	DESCRIPTION
	STORMWATER
	STORMWATER OVERFLOW
	EXISTING STORMWATER DRAINAGE

VALVES & FITTINGS	
SYMBOL	DESCRIPTION
	STOP VALVE (GATE)
	BALL VALVE (SPHERICAL)
	GAS 90° ON-OFF BALL VALVE
	GLOBE VALVE
	CALIBRATED BALANCING VALVE (STAT)
	ORIFICE PLATE
	FLOAT VALVE
	PLUG VALVE
	STRAINER
	BUTTERFLY VALVE
	SOLENOID VALVE
	MOTORISED VALVE
	GAS REGULATING VALVE
	PRESSURE LIMITING VALVE
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	AIR ADMITTANCE VALVE
	PRESSURE RELIEF VALVE (INLINE)
	PRESSURE RELIEF VALVE (ANGLE)
	REFLUX VALVE
	NON RETURN VALVE / SPRING CHECK VALVE
	NON RETURN VALVE / SWING CHECK VALVE
	DOUBLE CHECK VALVE / BACK FLOW PREVENTION DEVICE
	REDUCED PRESSURE ZONE DEVICE
	THERMOSTATIC MIXING VALVE
	TEMPERING VALVE
	FLUSHERETTE VALVE
	INLINE PUMP
	CENTRIFUGAL PUMP
	ANTI-VIBRATION CONNECTION
	FLEXIBLE JOINT CONNECTION
	TEMPERATURE GAUGE
	PRESSURE GAUGE WITH PET COCK
	PET COCK
	UNIVERSAL TEST PLUG
	FLOW SWITCH
	PIPE ANCHOR FIXING POINT
	SLUICE VALVE
	LOCKABLE VALVE
	STOP TAP VALVE
	BOOSTER VALVE INLET
	MAIN FIRE BRIGADE CONNECTION
	FIRE BRIGADE BOOSTER VALVE (WITH SUCTION POINT)
	FIXTURE TAP
	FIXTURE TAPSET

ABBREVIATIONS - PIPE SYSTEM & GENERAL	
SYMBOL	DESCRIPTION
BWU	BOILING WATER UNIT
BCWU	BOILING CHILLED WATER UNIT
BT/FW	BUCKET TRAP FLOOR WASTE
B.T.	BOUNDARY TRAP
CWU	CHILLED WATER UNIT
FW	FLOOR WASTE
HT/VB	HOSE BIB TAP WITH VACUUM BREAKER
HTSP	HOSE BIB TAP STANDING PIPE WITH POST
HR	HOSEREEL
HWU	HOT WATER UNIT
SAN	SANITIZER
SLH	SLOP HOPPER
TR	TROUGH
TD	TUNDISH
AAV	AIR ADMITTANCE VALVE
BT	BOUNDARY TRAP
CO	CLEAR OUT (SUFFIX '/S' DENOTES TO SURFACE)
DG	DISCONNECTOR GULLY
FHR	FIRE HOSE REEL
HYD	FIRE HYDRANT
DH/HYD	FIRE HYDRANT - DUAL/DOUBLE HEAD
IO	INSPECTION OPENING (SUFFIX '/S' DENOTES TO SURFACE)
OFG	OVERFLOW GULLEY
PLV	PRESSURE LIMITING VALVE
RPZD	REDUCED PRESSURE ZONE DEVICE
RFV	REFLUX VALVE
SLV	SLUICE VALVE
SV	STOP VALVE
PRV	TEMPERATURE PRESSURE RELIEF VALVE
TV	TEMPERING VALVE
TMV	THERMOSTATIC MIXING VALVE
CW	COLD WATER
FCW	FILTERED COLD WATER
FPZ	FOOD PREP ZONE FILTERED COLD WATER (5 MICRON)
DP	DOWN PIPE
FS	FIRE SERVICE
GM	GAS METER
GW	GREASY WASTE VENT PIPE
GWV	GREASY WASTE VENT PIPE
HW	HOT WATER
HWF	HOT WATER FLOW
HWR	HOT WATER RETURN
NG	NATURAL GAS
NPCW	NON POTABLE COLD WATER
RV	RELIEF VENT
SIC	SEWER INSPECTION CHAMBER
SMH	SEWER MAIN HOLE
SMS	SEWER MAINTENANCE SHAFT
SST	SOIL STACK
W	WASTE
WM	WATER METER
WW	TEMPERED WATER
V	VENT
VP	VENT PIPE
CU	COPPER
CI	CAST IRON
HDPE	HIGH DENSITY POLYETHYLENE PIPE
PVC	POLYVINYL CHLORIDE PIPE
UPVC	UNPLASTICSED POLYVINYL CHLORIDE PIPE
C/S	CONCEALED (CEILING/ROOF) SPACE
FFL	FINISHED FLOOR LEVEL
F/A	FROM ABOVE
F/B	FROM BELOW
H/L	HIGH LEVEL
IL	INVERT LEVEL
JU	JUMP UP
L/L	LOW LEVEL
RL	RELATIVE LEVEL
T/A	TO ABOVE
T/B	TO BELOW
U/F	UNDER FLOOR
U/G	UNDER GROUND
Ex.	EXISTING ITEM OF EQUIPMENT
B	BLANK OFF EXISTING ITEM OF EQUIPMENT
D	EXISTING ITEM OF EQUIPMENT TO BE DEMOLISHED
R	RELOCATE EXISTING ITEM OF EQUIPMENT AS SHOWN

ABBREVIATIONS - FIXTURES	
SYMBOL	DESCRIPTION
BA	HAND BASIN
BTH	BATH
CS	CLEANERS SINK
CWM	CLOTHES WASHING MACHINE
DW	DISHWASHER
DF	DRINKING FOUNTAIN
FW	FLOOD WASTE
HT	HOSE TAP
LS	LAB SINK
LT	LAUNDRY TUB
SHR	SHOWER
SK	SINK
SS/EW	SAFETY SHOWER / EYE WASH
UR	URNAL
WC	WATER CLOSET
WF	WATER FOUNTAIN

SEISMIC RESTRAINTS	
CONTRACTOR TO ENSURE FULL COMPLIANCE WITH AS 1170.4 FOR SEISMIC RESTRAINTS FOR HYDRAULIC	
ARRANGE ALL COMPONENTS, OTHER THAN SERVICE ITEMS EXEMPTED IN AS 1170.4, TO RESIST SEISMIC LOADS DETERMINED IN CONFORMANCE WITH AAS 1170.4. SECURITY FIX ALL PLANT AND EQUIPMENT TO THE BUILDING STRUCTURE. DO NOT RELY ON GRAVITY AND/OR FRICTION TO RESIST SEISMIC FORCES. ANTI-VIBRATION MOUNTS: USE HORIZONTALLY RESTRAINED TYPE. COMPONENTS: DO NOT USE COMPONENTS THAT WILL BE DAMAGED BY EARTHQUAKE CONDITIONS. PROTECT SYSTEMS AGAINST THE ADVERSE EFFECTS OF COMPONENTS SUCH AS TILT SWITCHES THAT, ALTHOUGH NOT DAMAGED BY EARTHQUAKE, MAY MALFUNCTION. FOLLOW THE RECOMMENDATIONS OF SA GOV G172 SEISMIC RESTRAINT	

B	DETAILED DESIGN	NP	MZ	GM	22.04.20
A	PRELIMINARY ISSUE	NP	MZ	GM	27.03.20
REV	DESCRIPTION	DRN	RE	PL	DATE

DRAWING CHECK		CO-ORDINATION CHECK	
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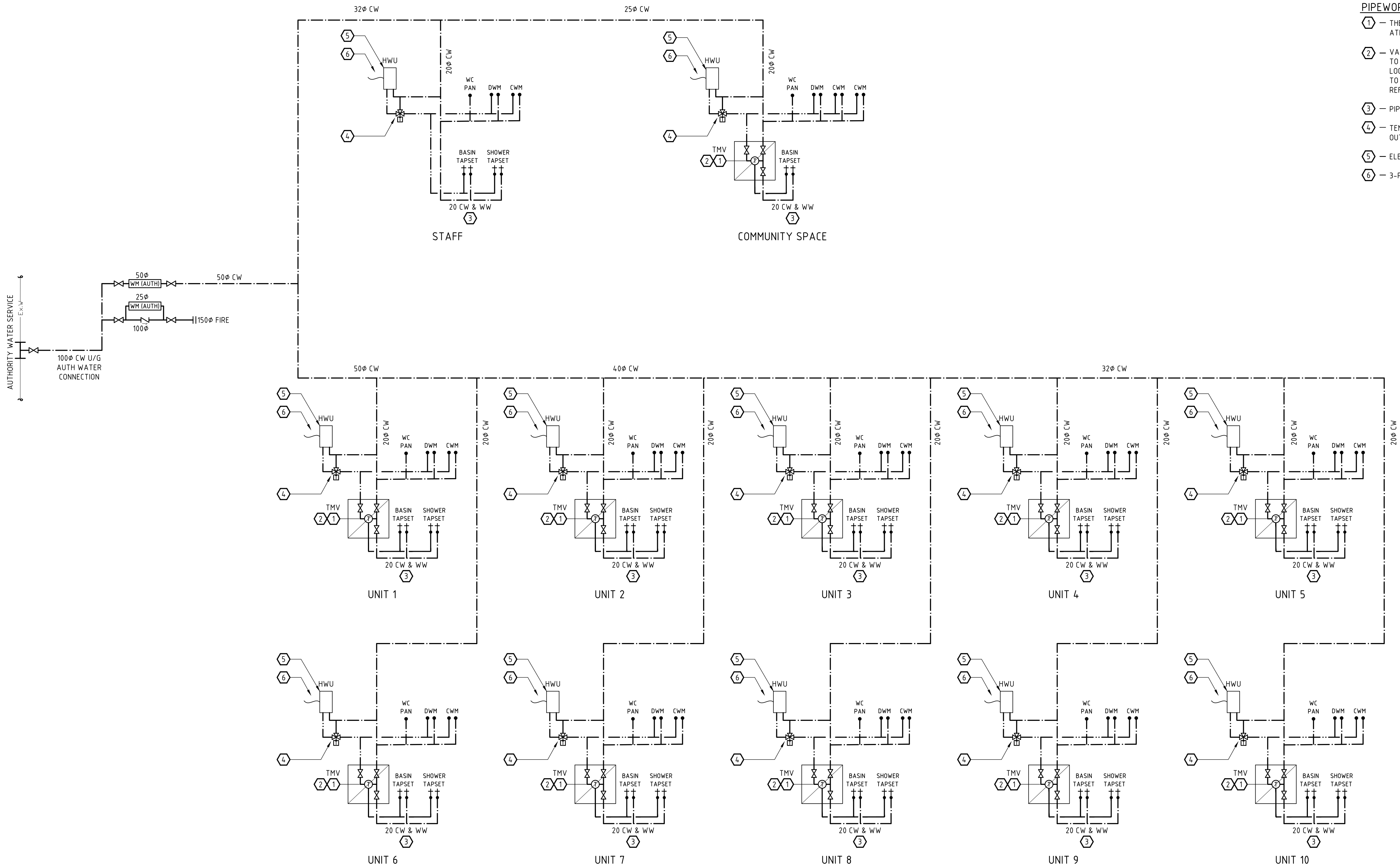
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TITLE	HYDRAULIC SERVICES
	DRAWING LEGEND

2000	0	2000	4000	6000	A1
STATUS	PRELIMINARY ISSUE				
	NOT TO BE USED FOR CONSTRUCTION				
SCALE @ A1	N.T.S	DIMENSIONS IN	MILLIMETRES		
DRAWING No.	5511.008-1- H002				REV
					B

PIPEWORK SCHEMATICS REFERENCE NOTES

- 1 - THERMOSTATIC MIXING VALVE (TMV) TO BE LOCATED IN VALVE BOX, LOCATED ATRECESSED IN WALL 300 AFFL
- 2 - VALVE BOX (NOMINALLY 350x350 - FINAL SIZE TO SUIT VALVE ARRANGEMENT) TO BE LOCATED AT LOW LEVEL IN RECESSED WALL BOX BESIDE BASIN. PROVIDE LOCKABLE STAINLESS STEEL ACCESS PANEL ON FRONT TO VALVE BOX. REFER TO SPECIFICATION FOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT.
- 3 - PIPEWORK CONCEALED IN WALL CAVITY/CEILING SPACE.
- 4 - TEMPERING VALVE LOCATED ADJACENT HOT WATER UNIT ACCESSIBLE FROM OUTSIDE OF UNITS.
- 5 - ELECTRIC INSTANTANEOUS HOT WATER UNIT LOCATED OUTSIDE OF UNITS.
- 6 - 3-PHASE ELECTRICAL SUPPLY BY ELECTRICAL CONTRACTOR.



COLD & HOT WATER RETICULATION SCHEMATIC DIAGRAM

SCALE NTS

B A REV				DESCRIPTION				NP MZ GM PL				22.04.26 27.03.26			
DRAWING CHECK				CO-ORDINATION CHECK				SIGNATURE				DATE			
DRAWN				STRUCT.				SIGNATURE				DATE			
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CHECKED				ELECT.				SIGNATURE				DATE			
				HYDROV.				SIGNATURE				DATE			
				FIRE/ENV.				SIGNATURE				DATE			

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TITLE		HYDRAULIC SERVICES	
		SCHEMATIC & DETAILS	

2000 0 2000 4000 6000		A1	
STATUS		PRELIMINARY ISSUE	
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- 1 - DENOTES FLOOR PLAN REFERENCE NOTE 1.
- FOR CEILING ACCESS PANELS, CEILING/BULKHEAD HEIGHTS, ROOF/CEILING SPACE ACCESS DETAILS & SETOUTS REFER TO ARCHITECTURAL DRAWINGS.
- CO-ORDINATE ALL NEW WORKS WITH EXISTING BUILDING ELEMENTS, STRUCTURE AND SERVICES ON SITE AS REQUIRED. ALL NEW EQUIPMENT AND PIPEWORK ROUTES SHOWN IS THE DESIGN INTENT AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL ALLOW FOR MINOR DEVIATIONS IN LAYOUT SHOWN WHERE REQUIRED FOR INSTALLATION OF HYDRAULIC SERVICES TO SUIT ANY ON SITE RESTRICTIONS.
- THE CONTRACTOR SHALL REFER TO ALL ARCHITECTURAL DRAWINGS FOR FINAL SETOUT LOCATIONS OF EQUIPMENT, FIXTURES AND SERVICES PIPEWORK LOCATIONS, E.T.C. PRIOR TO COMMENCEMENT OF THE WORKS.
- ACOUSTICALLY SEAL ALL NEW PIPEWORK PENETRATIONS THROUGH IN-CEILING ACOUSTIC WALL BARRIERS.
- ALL EXPOSED PIPEWORK TO BE PAINTED TO SUIT ARCHITECTURAL REQUIREMENTS.
- REFER TO ARCHITECTURAL DRAWINGS & EQUIPMENT SCHEDULES FOR DETAILS OF ALL FIXTURES, EQUIPMENT TYPES AND SETOUTS. TAPSETS INDICATE ON PLAN ARE DIAGRAMMATIC ONLY.
- HYDRAULIC SERVICES REQUIRE TO PASS THROUGH TREE STRUCTURAL ROOT ZONE, HYDRAULIC CONTRACTOR TO ALLOW FOR BORING & HAND TRENCHING UNDER SUPERVISION OF ARBORIST.
- REFER TO STANDARD DETAILS FOR EQUIPMENT ARRANGEMENTS.

FLOOR PLAN REFERENCE NOTES

- INTERNAL SEWER INDICATED WITH 'X' TO BE CUT/SEALED/REMOVED.
- SEWER PRE-PACKAGED PUMP WELL CONTAINING 2 No. MACERATOR PUMP C/W GILDE RAILS & CHAIN.
- SEWER PUMP CONTROL PANEL C/W WITH STROBE LIGHT. SEWER PUMP CONTROL PANEL TO INTERFACE WITH STROBE LIGHT AT STAFF OFFICE.
- SEWER MAINTENANCE SHAFT CONNECT TO EXSTING SEWER. INVERT LEVELS TO BE DETERMINED ON SITE.
- HYDRAULIC CONTRACTOR TO INTERFACE STROBE LIGHT WITH SEWER PUMP CONTROL PANEL & ACTIVATE UPON FAULT READING.
- EXTERNAL BIN STORE AREA TO BE BUNDED. TO BE COORDINATED WITH ARCHITECT.
- STORMWATER DOWNPIPE DROP FROM ABOVE TO 200mm A.F.F.L. TO BE CONNECTED TO CIVIL SYSTEM. TO BE COORDINATED WITH CIVIL ENGINEER.

B DETAILED DESIGN		NP	MZ	GM	22.04.20
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PROJECT	PCLI - HENLEY 6 CROWN CLOSE, HENLEY, NSW 2111
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TITLE	HYDRAULIC SERVICES GROUND - SANITARY PLUMBING & STORMWATER LAYOUT
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2000	0	2000	4000	6000	A1
STATUS					
PRELIMINARY ISSUE					
NOT TO BE USED FOR CONSTRUCTION					
SCALE @ A1	1 : 100	DIMENSIONS IN		MILLIMETRES	
DRAWING No.	5511.008-1-H200	REV	B		

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- CO-ORDINATE ALL NEW WORKS WITH EXISTING BUILDING ELEMENTS, STRUCTURE AND SERVICES ON SITE AS REQUIRED. ALL NEW EQUIPMENT AND PIPEWORK ROUTES SHOWN IS THE DESIGN INTENT AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL ALLOW FOR MINOR DEVIATIONS IN LAYOUT SHOWN WHERE REQUIRED FOR INSTALLATION OF HYDRAULIC SERVICES TO SUIT ANY ON SITE RESTRICTIONS.
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- REFER TO STANDARD DETAILS FOR EQUIPMENT ARRANGEMENTS.

FLOOR PLAN REFERENCE NOTES

- 1 - VENT PIPE FROM BELOW EXTENDING ABOVE ROOF LEVEL.
- 2 - #100 STORM WATER OVERFLOW PIPE TO TERMINATE AT H/L

EAVES GUTTER SCHEDULE

EAVES GUTTER	CROSS SECTION AREA (mm ²)
EG.1	10600

DRAWING CHECK		CO-ORDINATION CHECK	
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TITLE
HYDRAULIC SERVICES
LEVEL 1 - SANITARY PLUMBING
& STORMWATER LAYOUT

2000	0	2000	4000	6000	A1
STATUS PRELIMINARY ISSUE NOT TO BE USED FOR CONSTRUCTION					
SCALE @ A1 1 : 100		DIMENSIONS IN MILLIMETRES		REV B	
DRAWING No.		5511.008-1-H201			

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- REFER TO STANDARD DETAILS FOR EQUIPMENT ARRANGEMENTS.

FLOOR PLAN REFERENCE NOTES

- 1 - VENT PIPE FROM BELOW EXTENDING ABOVE ROOF LEVEL.

EAVES GUTTER SCHEDULE

EAVES GUTTER	CROSS SECTION AREA (mm ²)
EG.1	10600

8	DETAILED DESIGN	NP	MZ	GM	22.04.20
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TITLE	HYDRAULIC SERVICES ROOF - SANITARY PLUMBING & STORMWATER LAYOUT
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2000 0 2000 4000 6000	A1
STATUS	PRELIMINARY ISSUE NOT TO BE USED FOR CONSTRUCTION
SCALE @ A1	1 : 100 DIMENSIONS IN MILLIMETRES
DRAWING No.	5511.008-1-H202
REV	B

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- REFER TO STANDARD DETAILS FOR EQUIPMENT ARRANGEMENTS.

FLOOR PLAN REFERENCE NOTES

- PROPOSED 100mm TAPPING IN SYDNEY WATER ASSET. SUBJECT TO DISPENSATION FROM SYDNEY WATER.
- KEY OPERATED SLUICE VALVE IN GROUND TO SURFACE PROVIDED WITH ENGRAVED VALVE NUMBER. INSTALL WITH PVC RISER SHAFT TO SURFACE WITH SLUICE VALVE COVER TO MATCH SURROUNDING SURFACE.
- 3000 L x 1000 W x 500 H WATER METERING ENCLOSURE WITH MESH ENCLOSURE MOUNTED ON CONCRETE PLINTH. CONTAINING:
 - 1 No. Ø100 SINGLE DETECTOR CHECK WITH Ø25 BY-PASS METER.
 - 1 No. Ø50 DOMESTIC COLD WATER METER.
- STEIBEL ELTRON 3-PHASE ELECTRIC INSTANTANEOUS DHW HEATERS 470x225x120 (HxWxD) (TYPICAL) (1/UNIT).
- Ø20 CW & Ø20 WW PIPES RISE UP TO FEED UNIT AT LEVEL 1.
- THERMOSTATIC MIXING VALVE IN CEILING SPACE C/W ACCESS PANEL FOR RETICULATION TO ADJACENT FIXTURES, SET AT 43°C. SUPPLY AND INSTALL ENWARE AQUABLEND 1500 THERMOSTATIC MIXING VALVE WITHIN STAINLESS STEEL CABINET. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL MOUNTING LOCATION. ENWARE OR APPROVED EQUAL MODEL ATMS719R.
- HOSE TAP & DOUBLE CHECK VALVE MOUNTED ON EXTERNAL WALL.
- Ø100 FIRE SERVICE BELOW GROUND REFER TO DRAWING No. 5511.008-1- F200 FOR CONTINUATION.

B DETAILED DESIGN		NP	MZ	GM	22.04.20
A PRELIMINARY ISSUE		NP	MZ	GM	27.03.20
REV	DESCRIPTION	DRN	RE	PL	DATE

DRAWING CHECK		CO-ORDINATION CHECK	
SIGNATURE	DATE	SIGNATURE	DATE
DRAWN		STRUCT.	
DESIGNED		MECH.	
CHECKED		ELECT.	
		HYDRAULIC	
		FIRE/ENV.	

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PROJECT	PCLI - HENLEY
6 CROWN CLOSE, HENLEY, NSW	
2111	

TITLE	HYDRAULIC SERVICES
GROUND - HOT & COLD WATER	
RETICULATION LAYOUT	

2000	0	2000	4000	6000	A1
STATUS	PRELIMINARY ISSUE				
SCALE @ A1	1 : 100				
DRAWING No.	5511.008-1-H300				
REV	B				

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GENERAL NOTES

- 1 - DENOTES FLOOR PLAN REFERENCE NOTE 1.
- FOR CEILING ACCESS PANELS, CEILING/BULKHEAD HEIGHTS, ROOF/CEILING SPACE ACCESS DETAILS & SETOUTS REFER TO ARCHITECTURAL DRAWINGS.
- CO-ORDINATE ALL NEW WORKS WITH EXISTING BUILDING ELEMENTS, STRUCTURE AND SERVICES ON SITE AS REQUIRED. ALL NEW EQUIPMENT AND PIPEWORK ROUTES SHOWN IS THE DESIGN INTENT AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL ALLOW FOR MINOR DEVIATIONS IN LAYOUT SHOWN WHERE REQUIRED FOR INSTALLATION OF HYDRAULIC SERVICES TO SUIT ANY ON SITE RESTRICTIONS.
- THE CONTRACTOR SHALL REFER TO ALL ARCHITECTURAL DRAWINGS FOR FINAL SETOUT LOCATIONS OF EQUIPMENT, FIXTURES AND SERVICES PIPEWORK LOCATIONS, E.T.C. PRIOR TO COMMENCEMENT OF THE WORKS.
- ACOUSTICALLY SEAL ALL NEW PIPEWORK PENETRATIONS THROUGH IN-CEILING ACOUSTIC WALL BARRIERS.
- ALL EXPOSED PIPEWORK TO BE PAINTED TO SUIT ARCHITECTURAL REQUIREMENTS.
- REFER TO ARCHITECTURAL DRAWINGS & EQUIPMENT SCHEDULES FOR DETAILS OF ALL FIXTURES, EQUIPMENT TYPES AND SETOUTS. TAPSETS INDICATE ON PLAN ARE DIAGRAMMATIC ONLY.
- HYDRAULIC SERVICES REQUIRE TO PASS THROUGH TREE STRUCTURAL ROOT ZONE, HYDRAULIC CONTRACTOR TO ALLOW FOR BORING & HAND TRENCHING UNDER SUPERVISION OF ARBORIST.
- REFER TO STANDARD DETAILS FOR EQUIPMENT ARRANGEMENTS.

FLOOR PLAN REFERENCE NOTES

- 1 - THERMOSTATIC MIXING VALVE IN CEILING SPACE C/W ACCESS PANEL FOR RETICULATION TO ADJACENT FIXTURES, SET AT 43°C. SUPPLY AND INSTALL ENWARE AQUABLEND 1500 THERMOSTATIC MIXING VALVE WITHIN STAINLESS STEEL CABINET. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL MOUNTING LOCATION. ENWARE OR APPROVED EQUAL MODEL ATMS719R.

B		DETAILED DESIGN	NP	MZ	GM	22.04.20
A		PRELIMINARY ISSUE	NP	MZ	GM	27.03.20
REV		DESCRIPTION	DRN	RE	PL	DATE

DRAWING CHECK		CO-ORDINATION CHECK	
SIGNATURE	DATE	SIGNATURE	DATE
DRAWN		STRUCT.	
DESIGNED		MECH.	
CHECKED		ELECT.	
		HYDRO/CIVIL	
		FIRE/ENV.	

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TITLE	HYDRAULIC SERVICES LEVEL 1 - HOT & COLD WATER RETICULATION LAYOUT
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2000 0 2000 4000 6000	A1
STATUS	PRELIMINARY ISSUE NOT TO BE USED FOR CONSTRUCTION
SCALE @ A1	1 : 100 DIMENSIONS IN MILLIMETRES
DRAWING No.	5511.008-1-H301
REV	B