

**A PERFORMANCE SOLUTION IS REQUIRED FOR THE ROOF DRAINAGE SYSTEMS TO RATIONALISE THE QUANTITY OF DOWNPIPES REQUIRED.**

IL 95.57 (CALCULATED)

TWO (2) 210KG INSITU LIQUEFIED PETROLEUM GAS BOTTLES, REGULATOR, METERSET, PRESSURE RELIEF VALVE AND SAFETY SHUT OFF VALVE FOR SUPPLY TO BUILDING C VET KITCHEN. TO BE LOCATED WITHIN LOCKABLE FENCED ENCLOSURE, FIXED TO A CONCRETE PLINTH. FINAL DIMENSIONS AND ACCESS REQUIREMENTS SUBJECT TO LPG RETAILER SELECTION AND FURTHER DEMAND CALCULATIONS.  
DUTY: 300MJ/HR GAS CONSUMPTION (ASSUMED)  
INDEX LENGTH: 70m  
DIMENSIONS: 3000mm (LONG) x 1000mm (WIDE) x 1500mm (HIGH)  
ACCESS: 1000mm IN FRONT OF PLANT (TO BE CONFIRMED BY BOTTLE RETAILER), ADJACENT TO ROADWAY FOR REFILL.  
WEIGHT: 350kg  
POWER: N/A  
BMCS: N/A

BELOW GROUND REFLUX VALVE.

3000L GREASE ARRESTOR INSTALLED BELOW GROUND. SIZE TO BE VALIDATED IN FUTURE DESIGN STAGES AS THE DESIGN DEVELOPS.  
POWER: N/A  
DIMENSIONS: 3200mm LONG x 1700mm WIDE x 2000mm DEEP  
BMCS: N/A  
ACCESS: 600mm x 600mm ACCESS PANEL FLUSH WITH FINISHED SURFACE LEVEL

IL 94.550 (CALCULATED)

IL 94.500 (CALCULATED)

COLD WATER SERVICES PRESSURE BOOSTING PUMPSET IN AN  
ENCLOSURE, IDEALLY WEATHERPROOF.  
POWER: YES FOR PUMPSET 3-PHASE  
DUTY: 2.32L/s @ 35mH  
DIMENSIONS: 2500mm X 2500mm  
ACCESS: 1000mm IN FRONT OF PUMPSET  
BMCS: PUMP MONITORING

PROPOSED WATER SERVICES CONNECTION TO 100mm WATER MAIN IN NIRMAL STREET.

PROPOSED SEWER SERVICE CONNECTION TO NETWORK UTILITY OPERATOR. SUBJECT TO SEWER MAIN EXTENTION BY SYDNEY WATER FROM 225mm DIAMETER SEWER MAIN INGLEBURN ROAD ALONG RICKARD ROAD TO THE SITE.

SYDNEY WATER UTILITY WATER METER ASSEMBLY. TO BE PROVIDED WITHIN  
A LOCKABLE FENCED ENCLOSURE.  
POWER: N/A  
DIMENSIONS: 2000mm x 1000mm  
ACCESS: 1000mm IN FRONT OF METER SET AND SYDNEY WATER ACCESS VIA  
ABLOY KEY  
BMS: METER MONITORING AND LEAK DETECTION

000L DILUTION PIT PROVISION FOR  
LABORATORY SINKS.

1000mm WIDE x 2000mm DEEP  
ACCESS PANEL FROM ABOVE

CONTINUATION TO IN-GROUND CIVIL  
STORMWATER DRAINAGE SYSTEM.  
REFER TO THE CIVIL ENGINEER'S  
DOCUMENTATION.

IL 94.950 (CALCULATED)

REFER TO THE DRAINAGE SYSTEM  
DESIGN DRAWINGS FOR CONTINUATION.

IL 97.340 (CALCULATED)

2000L. BELOW GROUND RAINWATER TANK (SIZED BY THE ESD CONSULTANT)  
WITH OVERFLOW INTO THE CIVIL STORMWATER SYSTEM. RAINWATER RE-USE  
FOR IRRIGATION ONLY.  
POWER: YES FOR SUBMERSIBLE PUMPS  
DIMENSIONS: 8000mm LONG x 4500mm WIDE x 2500mm DEEP  
BMC: PUMP MONITORING  
ACCESS: 600mm x 600mm ACCESS PANEL FLUSH WITH FINISHED SURFACE LEVEL

CONTINUATION TO IN-GROUND CIVIL  
STORMWATER DRAINAGE SYSTEM.  
REFER TO THE CIVIL ENGINEER'S  
DOCUMENTATION.

HALF ROUND EAVES GUTTER WITH OVERFLOW EDGE 30mm LOWER THAN ANY INTERNAL BUILDING WATER INGRESS POINT.

MINIMUM GUTTER CROSS SECTIONAL AREA REQUIRED: 24,700m<sup>2</sup>

20000L BELOW GROUND RAINWATER TANK (SIZED BY THE ESD CONSULTANT) WITH OVERFLOW INTO THE CIVIL STORMWATER SYSTEM. RAINWATER RE-USE FOR IRRIGATION ONLY.  
POWER: YES FOR SUBMERSIBLE PUMPSET  
DIMENSIONS: 8000mm LONG x 4500mm WIDE x 2500mm DEEP  
BMCS: PUMP MONITORING  
ACCESS: 600mm x 600mm ACCESS PANEL FLUSH WITH FINISHED SURFACE LEVEL

REFER TO THE DRAINAGE SYSTEM  
DESIGN DRAWINGS FOR CONTINUATION.

2 x 90kg (ASSUMED) SWAP OVER LIQUEFIED PETROLEUM GAS BOTTLES, REGULATOR, METERS/SET, PRESSURE RELIEF VALVE AND SAFETY SHUT OFF VALVE FOR SUPPLY TO BUILDING D CANTEN. TO BE LOCATED WITHIN LOCKABLE FENCED ENCLOSURE, FIXED TO A CONCRETE PLINTH. FINAL DIMENSIONS AND ACCESS REQUIREMENTS SUBJECT TO LPG RETAILER SELECTION AND FURTHER DEMAND CALCULATIONS.  
DUTY: 100mj/h GAS CONSUMPTION (ASSUMED)  
INDEX LENGTH: 70m  
DIMENSIONS: 3000mm (LONG) x 1000mm (WIDE) x 1500mm (HIGH)  
BMCS: N/A  
POWER: N/A  
ACCESS: 1000mm INFRONT OF PLANT (TO BE CONFIRMED BY BOTTLE RETAILER), ADJACENT TO ROADWAY FOR REFILL  
WEIGHT: 155kg  
POWER: N/A  
BMCS: N/A

IL 98.050 (CALCULATED)

IL 97.800 (CALCULATED)

3000L GREASE ARRESTOR INSTALLED BELOW GROUND. SIZE TO BE VALIDATED IN FUTURE DESIGN STAGES AS THE DESIGN DEVELOPS.




POWER: N/A

DIMENSIONS: 3200mm LONG x 1700mm WIDE x 2000mm DEEP

BMCS: N/A

ACCESS: 600mm x 600mm ACCESS PANEL FLUSH WITH FINISHED SURFACE LEVEL

TO THE PRESSURE SERVICES  
DRAWINGS FOR CONTINUATION.

<p>DO NOT SCALE FROM DRAWINGS. CHECK &amp; VERIFY ALL DIMENSIONS &amp; LEVELS BEFORE COMMENCEMENT OF ANY WORK.</p> <p>THIS DRAWING IS NOT TO BE COPIED IN PART OR WHOLE WITHOUT WRITTEN PERMISSION FROM WSCE.</p>	<p>NORTH POINT</p> 	<p>NOTES</p>	<p>REVISION</p> <p>01</p> <p>A</p> <p>B</p>	<p>DESCRIPTION</p> <p>DRAFT SCHEMATIC DESIGN</p> <p>SCHEMATIC DESIGN ISSUE FOR TENDER</p> <p>FOR REF SUBMISSION</p>	<p>DATE</p> <p>18/10/24</p> <p>15/11/24</p> <p>15/01/25</p>	<p>REVISION</p>	<p>DESCRIPTION</p>	<p>DATE</p>	<p>CLIENT</p> 	<p>SERVICE</p> <p>WSce Pty Ltd ACN: 648 655 541 ABN: 75 648 655 541 info@wsce.com.au wsce.com.au</p>  <p>Driven by excellence, built on experience.</p>	<p>TITLE</p> <p>SITE PLAN - HYDRAULIC SERVICES</p>
											<p>SCALE</p> <p>1:500</p>
											<p>DRAWN</p> <p>AP</p>
											<p>DESIGNED</p> <p>JS</p>
											<p>CHECKED</p> <p>TW</p>
											<p>APPROVED</p> <p>SM</p>
											<p>DATE</p> <p>JAN 2025</p>
											<p>DRAWING No.</p> <p>LHS-WSCE-00-XX-DR-H-0002</p>
											<p>REVISION</p> <p>B</p>
											<p>JOB No.</p> <p>8437000</p>
											<p>STATUS</p> <p>FOR TENDER</p>