

STORM-2 TO STORM-4 FOR LOT DRAINAGE SYSTEMS

# DRAINAGE NOTES

- + DENOTES EXISTING GROUND LEVEL
- FALL STORMWATER PIPES AT 1% MIN. UNLESS OTHERWISE NOTED.
- SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY. SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED.
- ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.
- CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS.
- INSPECTIONS MUST BE UNDERTAKEN BY THIS OFFICE (BY PRIOR ARRANGEMENT WITH ENGINEER) DURING CONSTRUCTION TO ENABLE FULL CERTIFICATION UPON COMPLETION OF
- ALL CONSTRUCTION OF COUNCIL DRAINAGE WORKS TO COMPLY WITH COUNCIL STANDARD.
- REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES. PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE
- 20 MPa MASS CONCRETE. APPROVED PRE-CAST PITS MAY BE USED.

MAKE GOOD ALL DISTURBED AREAS.

- ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY
- PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS.
- CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND
- STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE STORM EVENTS AND CLEANED EVERY 6 MONTHS.
- PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & PLUMBING CODE.
- WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND
- THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR SUBMISSION TO COUNCIL/CERTIFEIR AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR CONSULTING FOR MORE INFORMATION.

## RAINWATER RE-USE NOTES AND SPECIFICATIONS

AS REQUIRED BY THE OWNER.

- ROOF WATER ONLY TO BE DRAINED TO THE RAINWATER STORAGE TANK. THE RAINWATER STORAGE TANK NEEDS TO BE CONNECTED FOR RE-USE
- RAINWATER STORAGE TANK TO BE CONFIGURED IN ACCORDANCE WITH SYDNEY WATER SPECIFICATIONS 'GUIDELINES FOR RAINWATER TANK ON RESIDENTIAL
- PROVIDE MAINS 'TOP-UP' SUPPLY TO RAINWATER TANK. MAINS TOP-UP ZONE TO BE BASED ON THE DAILY NON-POTABLE USAGE THAT MAY BE EXPECTED FROM THE
- PROVIDE A MECHANICAL PUMPING ARRANGEMENT (IN SOUND-PROOF HOUSING) TO PUMP SUPPLIERS SPECIFICATION TO SUIT INTENDED USAGE OF RAINWATER STORAGE. PUMPING ARRANGEMENTS MUST COMPLY WITH EPA GUIDELINES.
- INLETS TO RAINWATER TANK MUST BE SCREENED TO PREVENT THE ENTRY OF FOREIGN MATTER, ANIMALS OR INSECTS.
- A SIGN MUST BE AFFIXED TO THE RAINWATER TANK CLEARLY STATING THAT THE WATER IN THE TANK IS RAINWATER AND IS NOT TO BE USED FOR HUMAN CONSUMPTION.
- RAINWATER TANK TO BE PLACED ON A STRUCTURALLY ADEQUATE BASE IN ACCORDANCE WITH THE MANUFACTURER'S OR STRUCTURAL ENGINEER'S DETAILS.
- RAINWATER TANK AND ASSOCIATED PLUMBING WORKS TO BE INSTALLED AND CONFIGURED BY A LICENSED PLUMBER. PUMP TO BE INSTALLED BY A LICENSED

## STORMWATER SYSTEM DESIGN DATA

SITE AREA =  $23410 \text{ m}^2 (100\%)$ PROPOSED IMPERVIOUS AREA = 1674 m<sup>2</sup> (72%)

PROPOSED LANDSCAPED AREA = 667 m<sup>2</sup> (28%) NORTHERN BEACHES COUNCIL - REGION 1: NORTHERN CATCHMENTS

# TOTAL INCREASE IN IMPERVIOUS AREA > 50m²; OSD REQUIRED

### OSD SYSTEM DESIGN DATA EXISTING SITE FLOWS

5 YR ARI = 45 l/s

### 100 YR ARI = 111 l/s DEVELOPED SITE FLOWS

5 YR ARI = 45 l/s 100 YR ARI = 88 l/s

 $SSR = 57.40 \text{ m}^3$ 

# THE TANK MUST NOT BE INSTALLED OVER ANY MAINTENANCE STRUCTURE OR FITTINGS

<u>DETENTION SYSTEM DATA</u> AREA DRAINING TO THE TANK = 68 m<sup>2</sup> MAX. 100YR TWL = RL 42.90 ORIFICE DIAM = 95 mm

### EXISTING IMPERVIOUS AREA = 951.1 m<sup>2</sup> (41%) EXISTING LANDSCAPED AREA = $1,393.6 \text{ m}^2$ (59%)

27 OCT 2025 : CHANGES MADE TO SUIT UPDATED DRAWN TDR

ISSUE DATE : REVISION

CHECKED



PROPOSED IMPERVIOUS AREA =  $1,754.3 \text{ m}^2$  (75%)

PROPOSED LANDSCAPED AREA =  $580.4 \text{ m}^2$  (35%)

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STORMWATER MANAGEMENT PLAN 67 ELIMATTA ROAD, MONA VALE

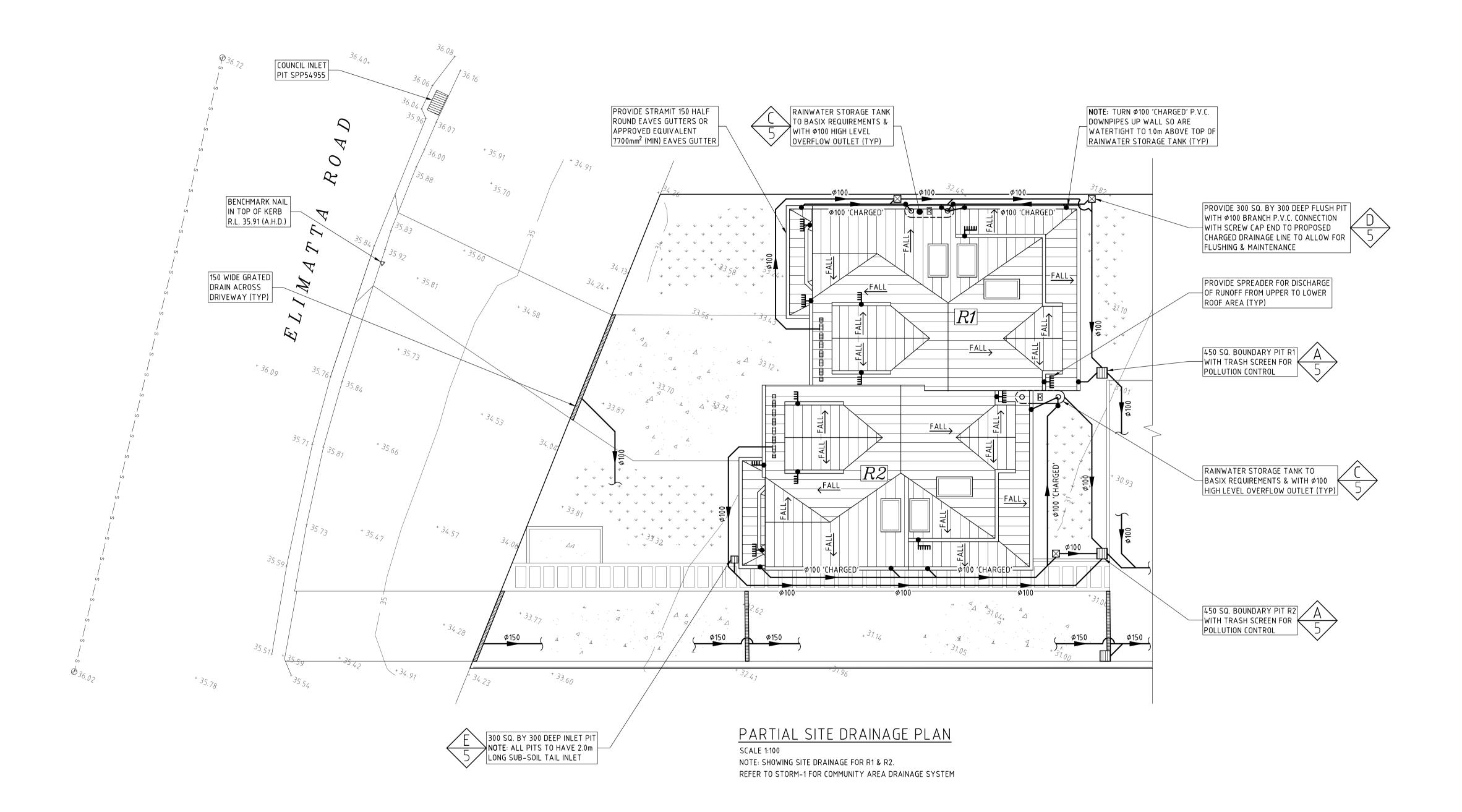
: SCALE @ A1 : 1:200 16 OCTOBER 2025 ENGINEER :BE Civil (Hons) MIE Aust:

STORMWATER SYSTEM DESIGN DATA

SITE AREA =  $2,344.7 \text{ m}^2 (100\%)$ 

SITE DATA





### DRAINAGE NOTES

- + DENOTES EXISTING GROUND LEVEL
- FALL STORMWATER PIPES AT 1% MIN. UNLESS OTHERWISE NOTED.
- SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY.
- 4. SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED.
- 5. ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.
- STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS.
- INSPECTIONS MUST BE UNDERTAKEN BY THIS OFFICE (BY PRIOR ARRANGEMENT WITH ENGINEER) DURING CONSTRUCTION TO ENABLE FULL CERTIFICATION UPON COMPLETION OF

CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF

- ALL CONSTRUCTION OF COUNCIL DRAINAGE WORKS TO COMPLY WITH COUNCIL STANDARD.
- REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES.
- PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE 20 MPa MASS CONCRETE.
- APPROVED PRE-CAST PITS MAY BE USED.
- . ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY
- 13. PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS.
- 14. CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND MAKE GOOD ALL DISTURBED AREAS.
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- PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & PLUMBING CODE.
- WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND AVOID TREE ROOTS
- 18. THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR SUBMISSION TO COUNCIL/CERTIFEIR AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR CONSULTING FOR MORE INFORMATION.

#### RAINWATER RE-USE NOTES AND SPECIFICATIONS

ELECTRICIAN.

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- THE RAINWATER STORAGE TANK NEEDS TO BE CONNECTED FOR RE-USE AS REQUIRED BY THE OWNER.
- RAINWATER STORAGE TANK TO BE CONFIGURED IN ACCORDANCE WITH SYDNEY
  WATER SPECIFICATIONS 'GUIDELINES FOR RAINWATER TANK ON RESIDENTIAL
  PROBEDITIES'
- 4. PROVIDE MAINS 'TOP-UP' SUPPLY TO RAINWATER TANK. MAINS TOP-UP ZONE
  TO BE BASED ON THE DAILY NON-POTABLE USAGE THAT MAY BE EXPECTED FROM THE
- TANK.

  5. PROVIDE A MECHANICAL PUMPING ARRANGEMENT (IN SOUND-PROOF HOUSING) TO PUMP
- SUPPLIERS SPECIFICATION TO SUIT INTENDED USAGE OF RAINWATER STORAGE. PUMPING ARRANGEMENTS MUST COMPLY WITH EPA GUIDELINES.

INLETS TO RAINWATER TANK MUST BE SCREENED TO PREVENT THE ENTRY OF FOREIGN

- MATTER, ANIMALS OR INSECTS.

  7. A SIGN MUST BE AFFIXED TO THE RAINWATER TANK CLEARLY STATING THAT THE
- WATER IN THE TANK IS RAINWATER AND IS NOT TO BE USED FOR HUMAN CONSUMPTION.
- RAINWATER TANK TO BE PLACED ON A STRUCTURALLY ADEQUATE BASE IN ACCORDANCE WITH THE MANUFACTURER'S OR STRUCTURAL ENGINEER'S DETAILS.
- THE TANK MUST NOT BE INSTALLED OVER ANY MAINTENANCE STRUCTURE OR FITTINGS USED BY A PUBLIC AUTHORITY.

STORM-

2/A

O. RAINWATER TANK AND ASSOCIATED PLUMBING WORKS TO BE INSTALLED AND CONFIGURED BY A LICENSED PLUMBER. PUMP TO BE INSTALLED BY A LICENSED

ISSUE DATE REVISION

27 OCT 2025 CHANGES MADE TO SUIT UPDATED ROOF PLAN

DRAWN
TDR

DATE

THE

STORMWATER MANAGEMENT PLAN - LOT 1 TO LOT 2

67 ELIMATTA ROAD, MONA VALE

DRAWN
TDR

TDR

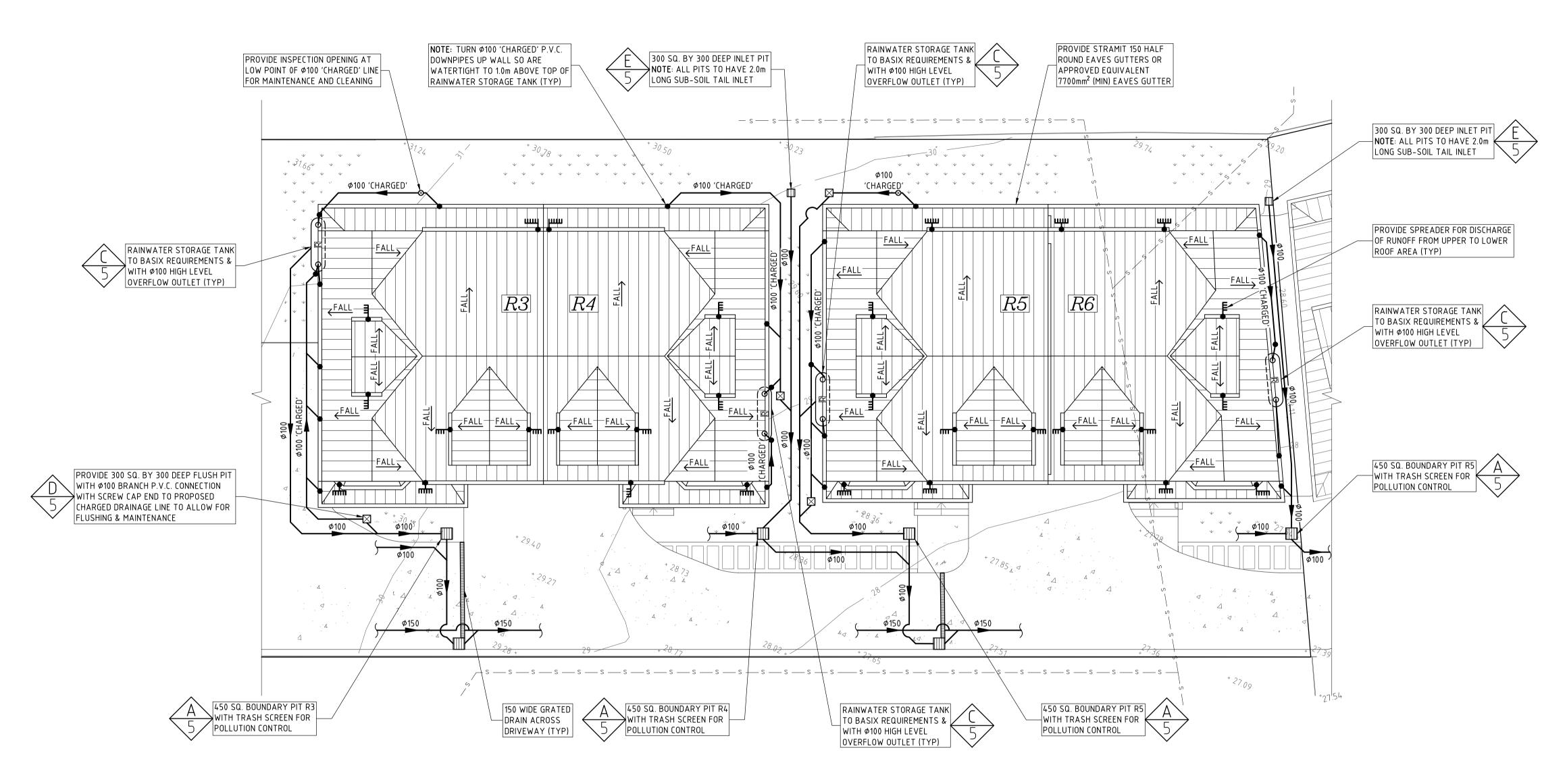
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JPL

TOTOBER 2025

BE Civil (Hons) MIE Aust





# PARTIAL SITE DRAINAGE PLAN

SCALE 1:100 NOTE: SHOWING SITE DRAINAGE FOR AREA R3-R6. REFER TO STORM-1 FOR COMMUNITY AREA DRAINAGE SYSTEM

DRAINAGE NOTES

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- FALL STORMWATER PIPES AT 1% MIN. UNLESS OTHERWISE NOTED.
- SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY.
- 4. SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED.
- 5. ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.
- 6. CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS.
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- REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES.
- PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE 20 MPa MASS CONCRETE.
- APPROVED PRE-CAST PITS MAY BE USED.
- 2. ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK
  & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE
  ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY
- 13. PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS.
- 14. CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND MAKE GOOD ALL DISTURBED AREAS.
- 15. STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE STORM EVENTS AND CLEANED EVERY 6 MONTHS.
- PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & PLUMBING CODE.
- 17. WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND AVOID TREE ROOTS
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### RAINWATER RE-USE NOTES AND SPECIFICATIONS

CONSULTING FOR MORE INFORMATION.

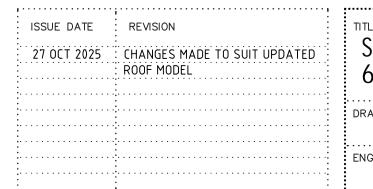
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  THE DANK ATER STORAGE TANK NEEDS TO BE CONNECTED FOR DELIGI
- THE RAINWATER STORAGE TANK NEEDS TO BE CONNECTED FOR RE-USE AS REQUIRED BY THE OWNER.
- 3. RAINWATER STORAGE TANK TO BE CONFIGURED IN ACCORDANCE WITH SYDNEY WATER SPECIFICATIONS 'GUIDELINES FOR RAINWATER TANK ON RESIDENTIAL PROPERTIES'
- 4. PROVIDE MAINS 'TOP-UP' SUPPLY TO RAINWATER TANK. MAINS TOP-UP ZONE TO BE BASED ON THE DAILY NON-POTABLE USAGE THAT MAY BE EXPECTED FROM THE
- 5. PROVIDE A MECHANICAL PUMPING ARRANGEMENT (IN SOUND-PROOF HOUSING) TO PUMP
- SUPPLIERS SPECIFICATION TO SUIT INTENDED USAGE OF RAINWATER STORAGE. PUMPING ARRANGEMENTS MUST COMPLY WITH EPA GUIDELINES.
- MATTER, ANIMALS OR INSECTS.

  A SIGN MUST BE AFFIXED TO THE RAINWATER TANK CLEARLY STATING THAT THE

INLETS TO RAINWATER TANK MUST BE SCREENED TO PREVENT THE ENTRY OF FOREIGN

- WATER IN THE TANK IS RAINWATER AND IS NOT TO BE USED FOR HUMAN CONSUMPTION.
- RAINWATER TANK TO BE PLACED ON A STRUCTURALLY ADEQUATE BASE IN ACCORDANCE WITH THE MANUFACTURER'S OR STRUCTURAL ENGINEER'S DETAILS.
- THE TANK MUST NOT BE INSTALLED OVER ANY MAINTENANCE STRUCTURE OR FITTINGS USED BY A PUBLIC AUTHORITY.
- RAINWATER TANK AND ASSOCIATED PLUMBING WORKS TO BE INSTALLED AND CONFIGURED BY A LICENSED PLUMBER. PUMP TO BE INSTALLED BY A LICENSED ELECTRICIAN.





DRAWN DATE
TDR
ENGINEER IN 16 OCTOBER 2025

CHECKED SCALE @ A1
1:100

BE Civil (Hons) MIE Aust



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DRAINAGE NOTES + DENOTES EXISTING GROUND LEVEL FALL STORMWATER PIPES AT 1% MIN. UNLESS OTHERWISE NOTED. SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY. SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED. ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS. NOTE: TURN Ø100 'CHARGED' P.V.C. CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE PROVIDE INSPECTION OPENING AT LOW DOWNPIPES UP WALL SO ARE CONSTRUCTION DETAILS. POINT OF Ø100 'CHARGED' LINE FOR WATERTIGHT TO 1.0m ABOVE TOP OF MAINTENANCE AND CLEANING (TYP) RAINWATER STORAGE TANK (TYP) INSPECTIONS MUST BE UNDERTAKEN BY THIS OFFICE (BY PRIOR ARRANGEMENT WITH ENGINEER) DURING CONSTRUCTION TO ENABLE FULL CERTIFICATION UPON COMPLETION OF PROVIDE 300 SQ. BY 300 DEEP FLUSH PIT ALL CONSTRUCTION OF COUNCIL DRAINAGE WORKS TO COMPLY WITH COUNCIL STANDARD. WITH Ø100 BRANCH P.V.C. CONNECTION REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES. WITH SCREW CAP END TO PROPOSED CHARGED DRAINAGE LINE TO ALLOW FOR PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE FLUSHING & MAINTENANCE 20 MPa MASS CONCRETE. APPROVED PRE-CAST PITS MAY BE USED. ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE RAINWATER STORAGE TANK TO BASIX REQUIREMENTS & WITH Ø100 ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY HIGH LEVEL OVERFLOW OUTLET (TYP) PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS. TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS. **ON-SITE DETENTION TANK** TANK VOLUME = 33,800 LITRES CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS TANK LENGTH = 13,000 mm ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO 150 WIDE GRATED MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE TANK WIDTH = 2,600 mm AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND DRAIN ACROSS BENCHMARK NAIL TANK DEPTH = 1,000 mmIN DRIVEWAY DRIVEWAY (TYP) TANK FLOOR = 26.00 A.H.D.R.L. 27.09 (A.H.D.) STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH PROVIDE Ø300 LOW LEVEL POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE RAINWATER STORAGE TANK TO OUTLET TO BOUNDARY PIT STORM EVENTS AND CLEANED EVERY 6 MONTHS. BASIX REQUIREMENTS & WITH Ø100 PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & HIGH LEVEL OVERFLOW OUTLET (TYP) PLUMBING CODE. FALL> WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY 450 SQ. BOUNDARY PIT R8  $\mathcal{R}$ OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND ⊣WITH TRASH SCREEN FOR 🗲 POLLUTION CONTROL THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR SUBMISSION TO COUNCIL/CERTIFEIR AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR CONSULTING FOR MORE INFORMATION. RAINWATER RE-USE NOTES AND SPECIFICATIONS ROOF WATER ONLY TO BE DRAINED TO THE RAINWATER STORAGE TANK. THE RAINWATER STORAGE TANK NEEDS TO BE CONNECTED FOR RE-USE 450 SQ. BOUNDARY PIT R7 WITH TRASH SCREEN FOR RAINWATER STORAGE TANK TO BE CONFIGURED IN ACCORDANCE WITH SYDNEY WATER SPECIFICATIONS 'GUIDELINES FOR RAINWATER TANK ON RESIDENTIAL POLLUTION CONTROL PROVIDE MAINS 'TOP-UP' SUPPLY TO RAINWATER TANK. MAINS TOP-UP ZONE 600 x 900 BOUNDARY PIT TO BE BASED ON THE DAILY NON-POTABLE USAGE THAT MAY BE EXPECTED FROM THE GRATE R.L. 27.00  $A \setminus INVERT R.L. 25.90$ PROVIDE A MECHANICAL PUMPING ARRANGEMENT (IN SOUND-PROOF HOUSING) TO PUMP SUMP R.L. 25.70 SUPPLIERS SPECIFICATION TO SUIT INTENDED USAGE OF RAINWATER STORAGE. PUMPING ARRANGEMENTS MUST COMPLY WITH EPA GUIDELINES. WITH TRASH SCREEN FOR POLLUTION CONTROL INLETS TO RAINWATER TANK MUST BE SCREENED TO PREVENT THE ENTRY OF FOREIGN MATTER, ANIMALS OR INSECTS. A SIGN MUST BE AFFIXED TO THE RAINWATER TANK CLEARLY STATING THAT THE WATER IN THE TANK IS RAINWATER AND IS NOT TO BE USED FOR HUMAN CONSUMPTION. RAINWATER TANK TO BE PLACED ON A STRUCTURALLY ADEQUATE BASE IN PROPOSED COUNCIL D.G.G.P. 450 SQ. BOUNDARY PIT R9 ACCORDANCE WITH THE MANUFACTURER'S OR STRUCTURAL ENGINEER'S DETAILS. WITH 2.4m E.K.I. ⊣WITH TRASH SCREEN FOR 🗲 GRATE R.L. 26.20 THE TANK MUST NOT BE INSTALLED OVER ANY MAINTENANCE STRUCTURE OR FITTINGS POLLUTION CONTROL USED BY A PUBLIC AUTHORITY. INVERT R.L. 25.20 RAINWATER TANK AND ASSOCIATED PLUMBING WORKS TO BE INSTALLED AND CONFIGURED BY A LICENSED PLUMBER. PUMP TO BE INSTALLED BY A LICENSED ELECTRICIAN. 450 SQ. BOUNDARY PIT R10 WITH TRASH SCREEN FOR POLLUTION CONTROL 300 SQ. BY 300 DEEP INLET PIT NOTE: ALL PITS TO HAVE 2.0m LONG SUB-SOIL TAIL INLET R10RAINWATER STORAGE TANK TO
BASIX REQUIREMENTS & WITH Ø100
HIGH LEVEL OVERFLOW OUTLET (TYP) RAINWATER STORAGE TANK TO BASIX REQUIREMENTS & WITH Ø100 HIGH LEVEL OVERFLOW OUTLET (TYP) PROVIDE SPREADER FOR DISCHARGE OF RUNOFF FROM UPPER TO LOWER ROOF AREA (TYP) **y y** PROVIDE STRAMIT 150 HALF
ROUND EAVES GUTTERS OR
APPROVED EQUIVALENT +26.36 7700mm<sup>2</sup> (MIN) EAVES GUTTER PROVIDE INSPECTION OPENING AT LOW POINT OF Ø100 'CHARGED' LINE FOR MAINTENANCE AND CLEANING (TYP) PARTIAL SITE DRAINAGE PLAN NOTE: SHOWING SITE DRAINAGE FOR AREA R7-R10. REFER TO STORM-ISSUE DATE : REVISION STORM-1 FOR COMMUNITY AREA DRAINAGE SYSTEM STORMWATER MANAGEMENT PLAN - LOTS R7 TO R10 27 OCT 2025 : CHANGES MADE TO SUIT UPDATED 67 ELIMATTA ROAD, MONA VALE SCALE @ A1 CHECKED : 1:100 4/A 16 OCTOBER 2025 ENGINEER :BE Civil (Hons) MIE Aust: "Seascape" Suite 7 22-26 Fisher Rd Dee Why NSW 2099 T 02 9982 7092 F 02 9982 5898 enquire@taylorconsulting.net.au www.taylorconsulting.net.au

