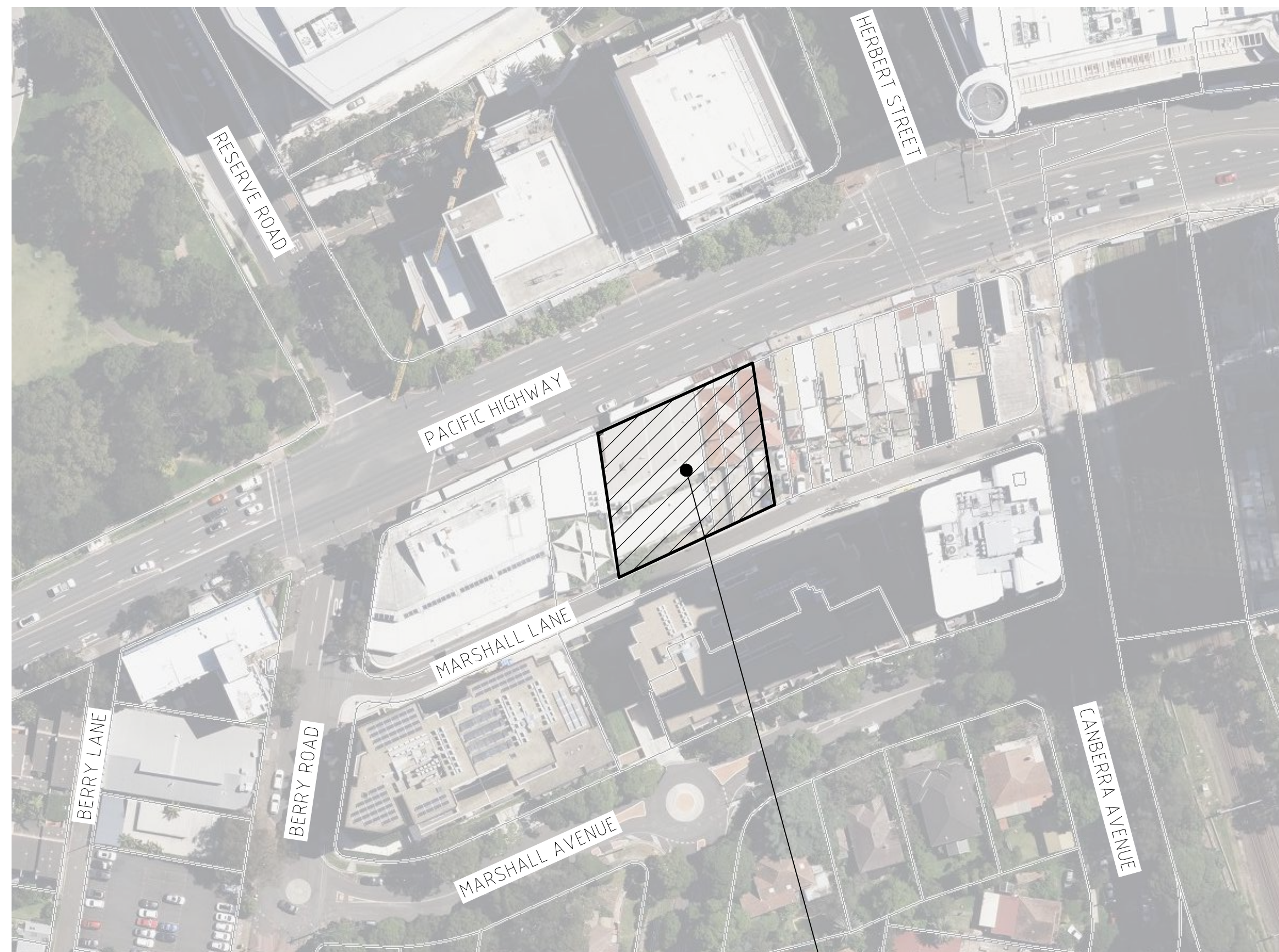


# 28 - 38 PACIFIC HIGHWAY, ST LEONARDS, NSW 2065 INTERNAL CIVIL WORKS



APPROXIMATE  
LOCATION OF SITE

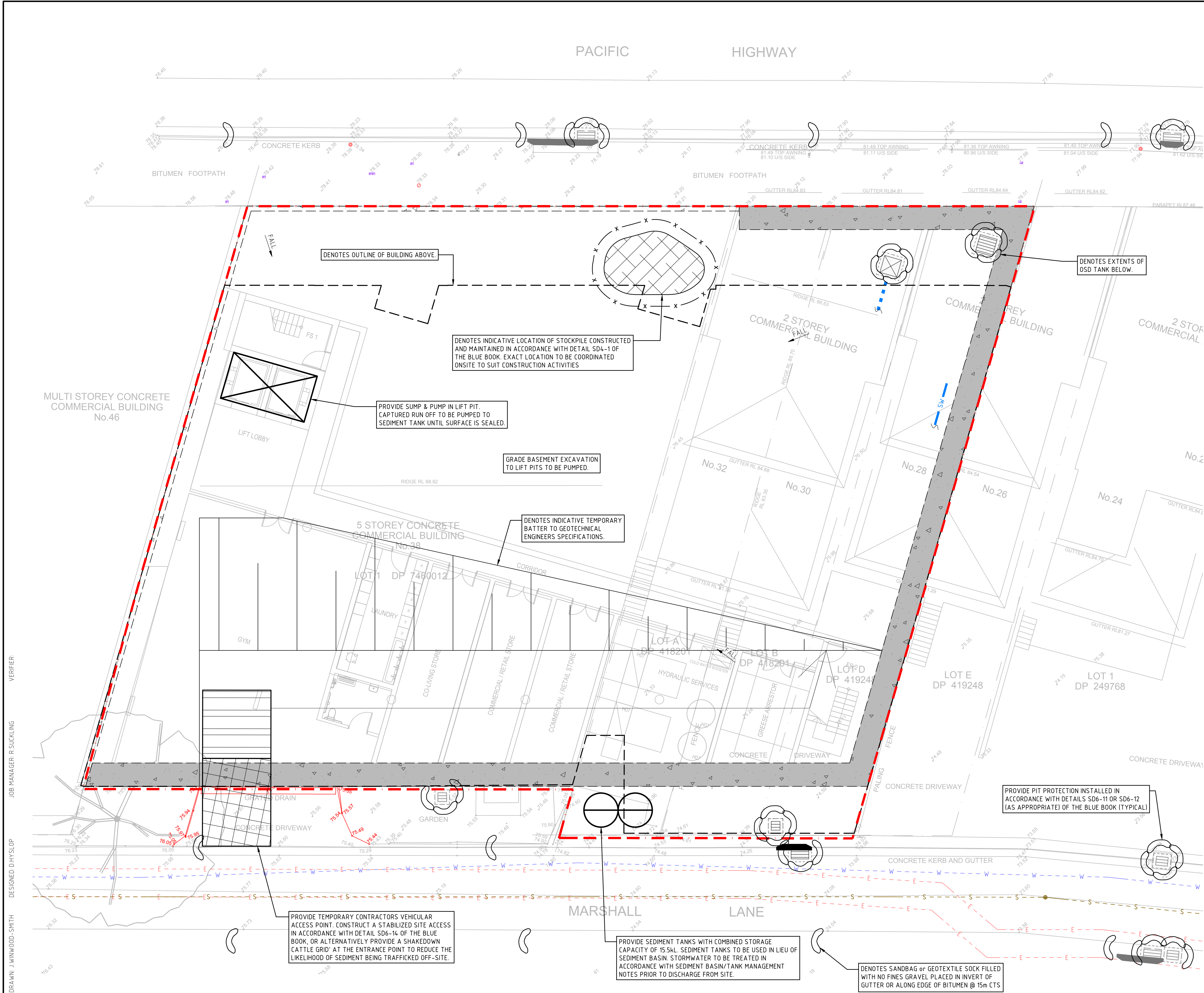


| DWG No. | DRAWING TITLE                                 |
|---------|-----------------------------------------------|
| C1.01   | COVER SHEET                                   |
| C2.01   | CONCEPT SEDIMENT & EROSION CONTROL PLAN       |
| C2.02   | SEDIMENT & EROSION CONTROL DETAILS            |
| C3.01   | STORMWATER MANAGEMENT PLAN GROUND FLOOR       |
| C3.11   | STORMWATER MANAGEMENT PLAN LOWER GROUND FLOOR |
| C3.21   | STORMWATER MANAGEMENT PLAN BASEMENT LEVEL 1   |
| C4.01   | STORMWATER LONGSECTION                        |
| C5.01   | CIVIL DETAILS - SHEET 1                       |

DRAWN: J. WINWOOD-SMITH

**NOT FOR CONSTRUCTION**

| REVISION | DESCRIPTION             | ISSUED | VER'D | APP'D | DATE     | CLIENT                                                                                  | ARCHITECT                                                                             |                                                                                       | ALL SETOUT TO ARCHITECT'S DRAWINGS, DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. |                                                                                      | PROJECT                             | DRAWING TITLE           | JOB NUMBER |
|----------|-------------------------|--------|-------|-------|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|-------------------------|------------|
| 1        | ISSUED FOR COORDINATION | JWS    |       |       | 29.11.24 | EDSGEAR PTY LTD                                                                         |  |  | Central Coast<br>Suite 4, 257-259 Central Coast Hwy, Erina NSW 2250<br>Ph (02) 4365 1668<br>Email centralcoast@northrop.com.au ABN 81 094 433 100                                                                                                                | PROPOSED MIXED-USE DEVELOPMENT<br>28 - 38 PACIFIC HIGHWAY<br>ST LEONARDS<br>NSW 2065 | INTERNAL CIVIL WORKS<br>COVER SHEET | 233364                  |            |
| A        | DEVELOPMENT APPLICATION | JWS    |       |       | 27.03.25 |                                                                                         |                                                                                       |                                                                                       |                                                                                                                                                                                                                                                                  |                                                                                      |                                     | DRAWING NUMBER          | REVISION   |
| B        | DEVELOPMENT APPLICATION | KB     |       |       | 20.11.25 |                                                                                         |                                                                                       |                                                                                       |                                                                                                                                                                                                                                                                  |                                                                                      |                                     | C1.01                   | B          |
|          |                         |        |       |       |          |                                                                                         |                                                                                       |                                                                                       |                                                                                                                                                                                                                                                                  |                                                                                      |                                     | DRAWING SHEET SIZE = A1 |            |
|          |                         |        |       |       |          |                                                                                         |                                                                                       |                                                                                       |                                                                                                                                                                                                                                                                  |                                                                                      |                                     |                         |            |
|          |                         |        |       |       |          | DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION CONSULTING HAS BEEN ADVISED | THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD      |                                                                                       |                                                                                                                                                                                                                                                                  |                                                                                      |                                     |                         |            |



**LEGEND**

Denotes site boundary line

Denotes combined site/silt fence 'Siltmaster' or similar, installed in accordance with detail SD6-8 of the Bluebook.

Denotes temporary contractors vehicular access point. Construct a stabilised site access in accordance with detail SD6-14 of the Blue Book or provide a shakedown cattle grid at entrance point to reduce likelihood of sediment being trafficked off-site.

Denotes geotextile inlet filter installed in accordance with detail SD6-12 of the Blue Book

Indicates mesh & gravel inlet filter installed in accordance with details SD6-11 of the Blue Book

Denotes sandbag or geotextile sock filled with no fines gravel placed in invert of gutter or along edge of bitumen

Denotes indicative location of stockpile constructed and maintained in accordance with detail SD4-1 of the Blue Book

Denotes shoring wall/capping beam, refer to structural engineers drawings for details

Denotes existing shoring wall shown indicatively, refer to structural engineers drawings for details

**SEDIMENT & EROSION CONTROL NOTES**

- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS, NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOMS MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION (THE 'BLUE BOOK').
- INSTALL ALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.
- ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
- INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.
- ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAY'S WORK.
- THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECTS PLANS FOR TREES TO BE KEPT.
- ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
- STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
- CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).
- ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
- PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.
- ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ ALL MAINTENANCE, CLEANINGS & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.

THE CONTRACTOR SHALL ENSURE COUNCIL ASSETS AND THE UTILITIES ARE PROTECTED AT ALL TIMES. ANY AND ALL DAMAGES TO COUNCIL ASSETS AND/OR UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR TO THE SPECIFICATION OF COUNCIL AND THE UTILITIES AUTHORITY AND AT NO COST TO THE PRINCIPAL OR NORTHPROP CONSULTING ENGINEERS.

NOTE: THIS SEDIMENT & EROSION CONTROL PLAN IS DESIGNED FOR THE MANAGEMENT OF THE EFFECTS OF STORMWATER RUNOFF DURING CONSTRUCTION. IT IS NOT DESIGNED FOR THE MANAGEMENT OF GROUNDWATER. SHOULD GROUNDWATER MANAGEMENT BE REQUIRED, A SEPARATE MANAGEMENT PLAN WILL NEED TO BE DESIGNED BY A SUITABLY QUALIFIED GEOTECHNICAL/ENVIRONMENTAL CONSULTANT.

VERIFIER  
JOB MANAGER: B. SÜCKLING  
DESIGNED: D. HYSLOP  
DRAWN: J. WINWOOD-SMITH

| REVISION | DESCRIPTION             | ISSUED | VER'D | APP'D | DATE     |
|----------|-------------------------|--------|-------|-------|----------|
| A        | DEVELOPMENT APPLICATION | JWS    |       |       | 27.03.25 |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |

|                                                                                      |                             |
|--------------------------------------------------------------------------------------|-----------------------------|
| CLIENT                                                                               | EDSGEAR PTY LTD             |
| ARCHITECT                                                                            | tonkin<br>zulaikha<br>greer |
| DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED |                             |

|                                                                                                                                                                                                                                                                   |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| PLANS 1:100@A1                                                                                                                                                                                                                                                    | 0 1 2 3 4 5m |
| ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHPROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. |              |
| THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHPROP CONSULTING ENGINEERS PTY LTD.                                                                                                                                                                                |              |

Central Coast  
Suite 4, 257-259 Central Coast Hwy, Erina NSW 2250  
Ph. (02) 4365 1668  
Email centralcoast@northrop.com.au ABN 81 094 433 100

|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| PROJECT | PROPOSED MIXED-USE DEVELOPMENT<br>28 - 38 PACIFIC HIGHWAY<br>ST LEONARDS<br>NSW 2065 |
|---------|--------------------------------------------------------------------------------------|

|               |                                                                    |
|---------------|--------------------------------------------------------------------|
| DRAWING TITLE | INTERNAL CIVIL WORKS<br>CONCEPT SEDIMENT & EROSION<br>CONTROL PLAN |
|---------------|--------------------------------------------------------------------|

|                         |        |
|-------------------------|--------|
| JOB NUMBER              | 233364 |
| DRAWING NUMBER          | C2.01  |
| REVISION                | A      |
| DRAWING SHEET SIZE = A1 |        |

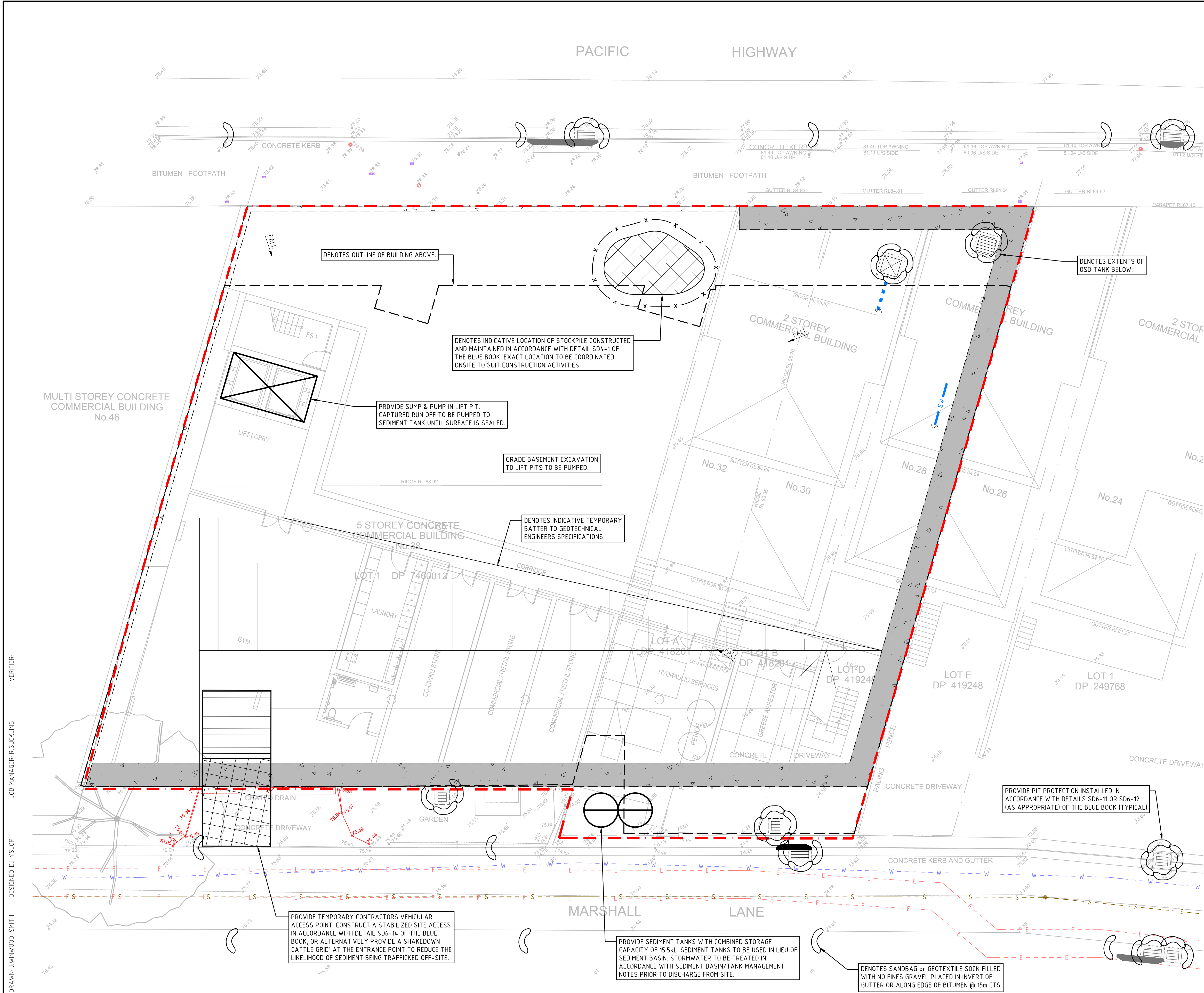


NOTE THAT ORIGINAL DRAWING IS IN COLOUR

NOT FOR CONSTRUCTION







LEGEND

DENOTES SITE BOUNDARY LINE

DENOTES COMBINED SITE/SILT FENCE 'SILTMASTER' OR SIMILAR, INSTALLED IN ACCORDANCE WITH DETAIL SD6-8 OF THE BLUEBOOK.

DENOTES TEMPORARY CONTRACTORS VEHICULAR ACCESS POINT. CONSTRUCT A STABILISED SITE ACCESS IN ACCORDANCE WITH DETAIL SD6-14 OF THE BLUE BOOK OR PROVIDE A SHAKEDOWN CATTLE GRID AT ENTRANCE POINT TO REDUCE LIKELIHOOD OF SEDIMENT BEING TRAFFICKED OFF-SITE

DENOTES GEOTEXTILE INLET FILTER INSTALLED IN ACCORDANCE WITH DETAIL SD6-12 OF THE BLUE BOOK

INDICATES MESH & GRAVEL INLET FILTER INSTALLED IN ACCORDANCE WITH DETAILS SD6-11 OF THE BLUE BOOK

DENOTES SANDBAG or GEOTEXTILE SOCK FILLED WITH NO FINES GRAVEL PLACED IN INVERT OF GUTTER OR ALONG EDGE OF BITUMEN

DENOTES INDICATIVE LOCATION OF STOCKPILE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH DETAIL SD4-1 OF THE BLUE BOOK

DENOTES SHORING WALL/CAPPING BEAM, REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS

DENOTES EXISTING SHORING WALL SHOWN INDICATIVELY, REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS

SEDIMENT & EROSION CONTROL NOTES

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS, NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOMS MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION (THE 'BLUE BOOK').

2. INSTALL ALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.

3. ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.

4. INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.

5. ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAY'S WORK.

6. THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECTS PLANS FOR TREES TO BE KEPT.

7. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.

8. STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.

9. CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).

10. ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.

11. PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.

12. ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ ALL MAINTENANCE, CLEANINGS & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.

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VERIFIER  
JOB MANAGER: B SÜCKLING  
DESIGNED: DHYLOP  
DRAWN: J WINWOOD-SMITH

| REVISION | DESCRIPTION             | ISSUED | VER'D | APP'D | DATE     |
|----------|-------------------------|--------|-------|-------|----------|
| A        | DEVELOPMENT APPLICATION | JWS    |       |       | 27.03.25 |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |

|                                                                                      |                             |
|--------------------------------------------------------------------------------------|-----------------------------|
| CLIENT                                                                               | EDSGEAR PTY LTD             |
| ARCHITECT                                                                            | tonkin<br>zulaikha<br>greer |
| DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED |                             |

|                                                                                      |
|--------------------------------------------------------------------------------------|
| ARCHITECT                                                                            |
| <b>tonkin</b><br>zulaikha<br><b>greer</b>                                            |
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Central Coast

Suite 4, 257-259 Central Coast Hwy, Erina NSW 2250

Ph. (02) 4365 1668

Email centralcoast@northrop.com.au

ABN 81 094 433 100

|         |                                |
|---------|--------------------------------|
| PROJECT | PROPOSED MIXED-USE DEVELOPMENT |
|         | 28 - 38 PACIFIC HIGHWAY        |
|         | ST LEONARDS                    |
|         | NSW 2065                       |

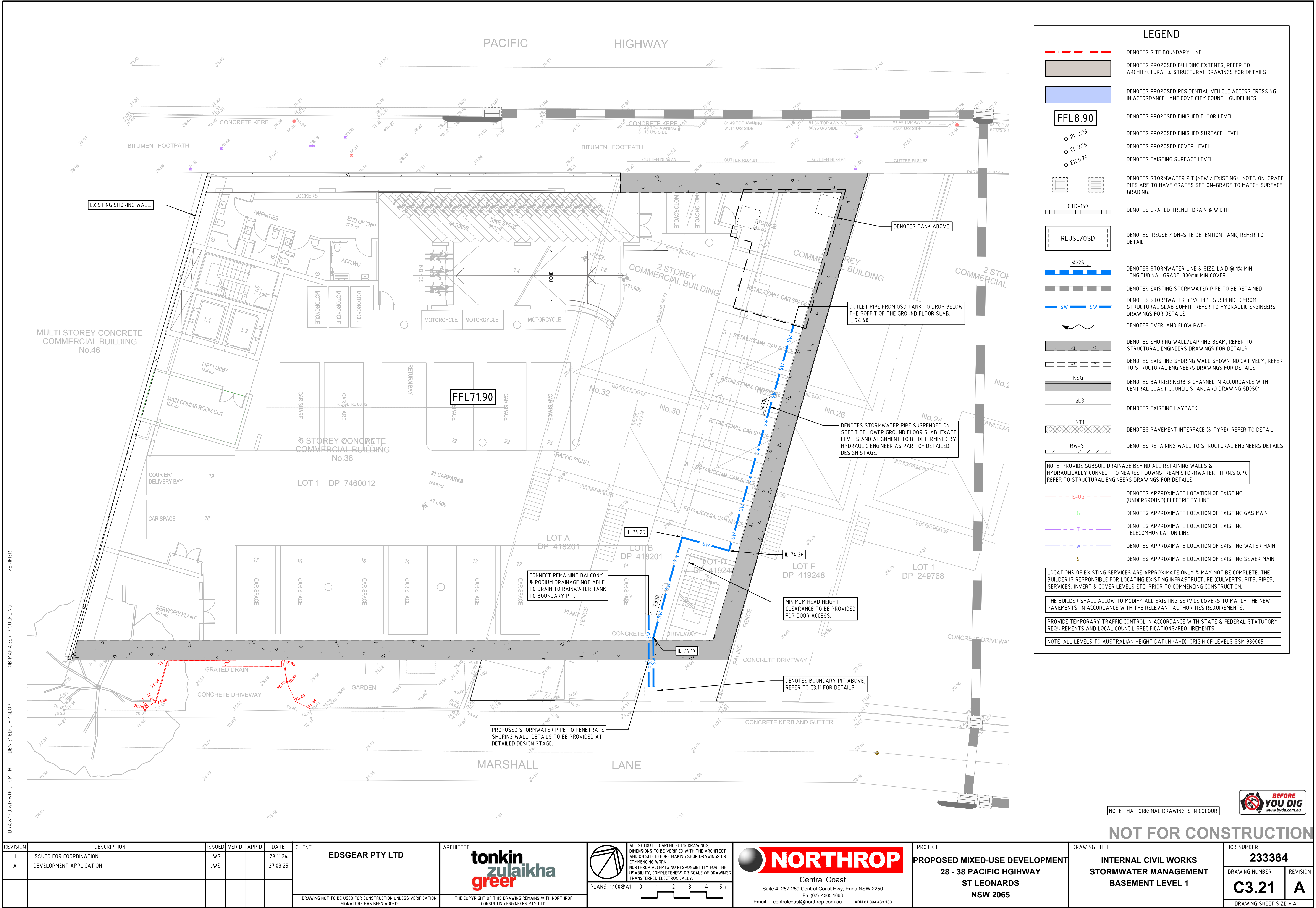
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| DRAWING TITLE | INTERNAL CIVIL WORKS       |
|               | CONCEPT SEDIMENT & EROSION |
|               | CONTROL PLAN               |

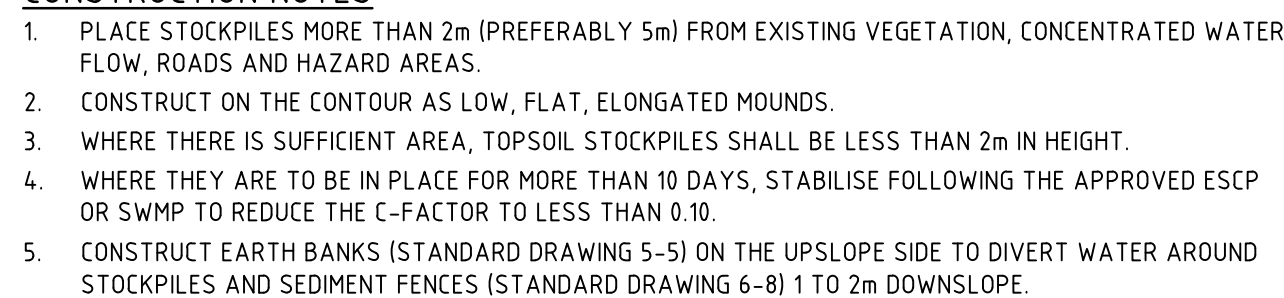
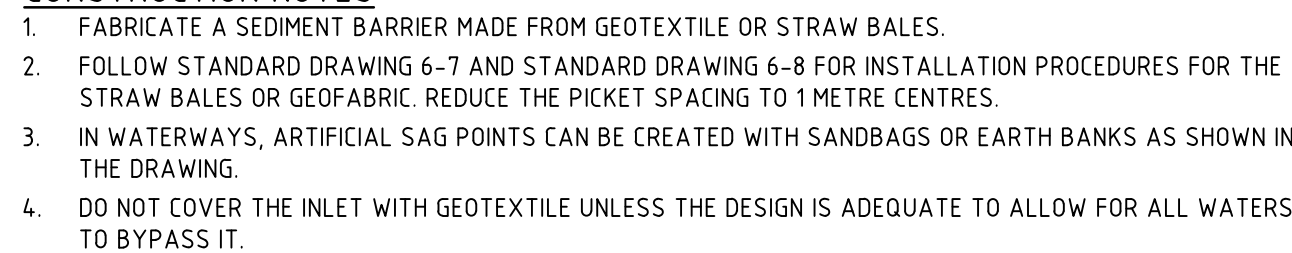
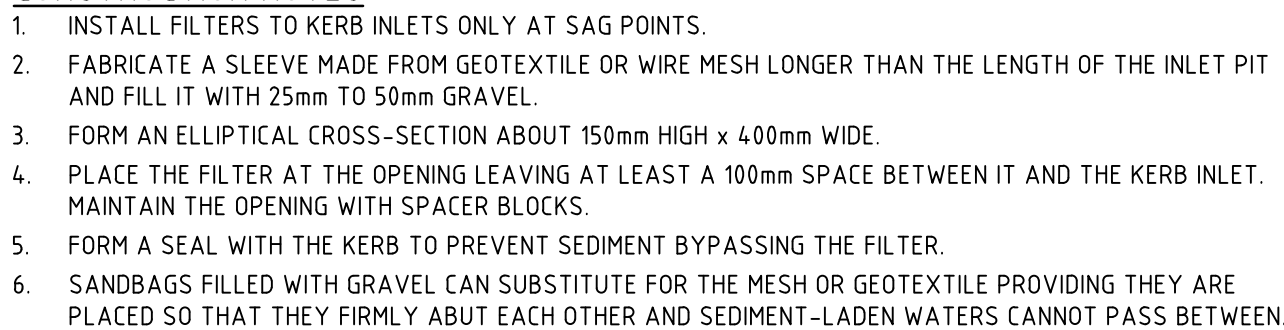
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| JOB NUMBER              | 233364 |
| DRAWING NUMBER          | C2.01  |
| REVISION                | A      |
| DRAWING SHEET SIZE = A1 |        |

NOTE THAT ORIGINAL DRAWING IS IN COLOUR



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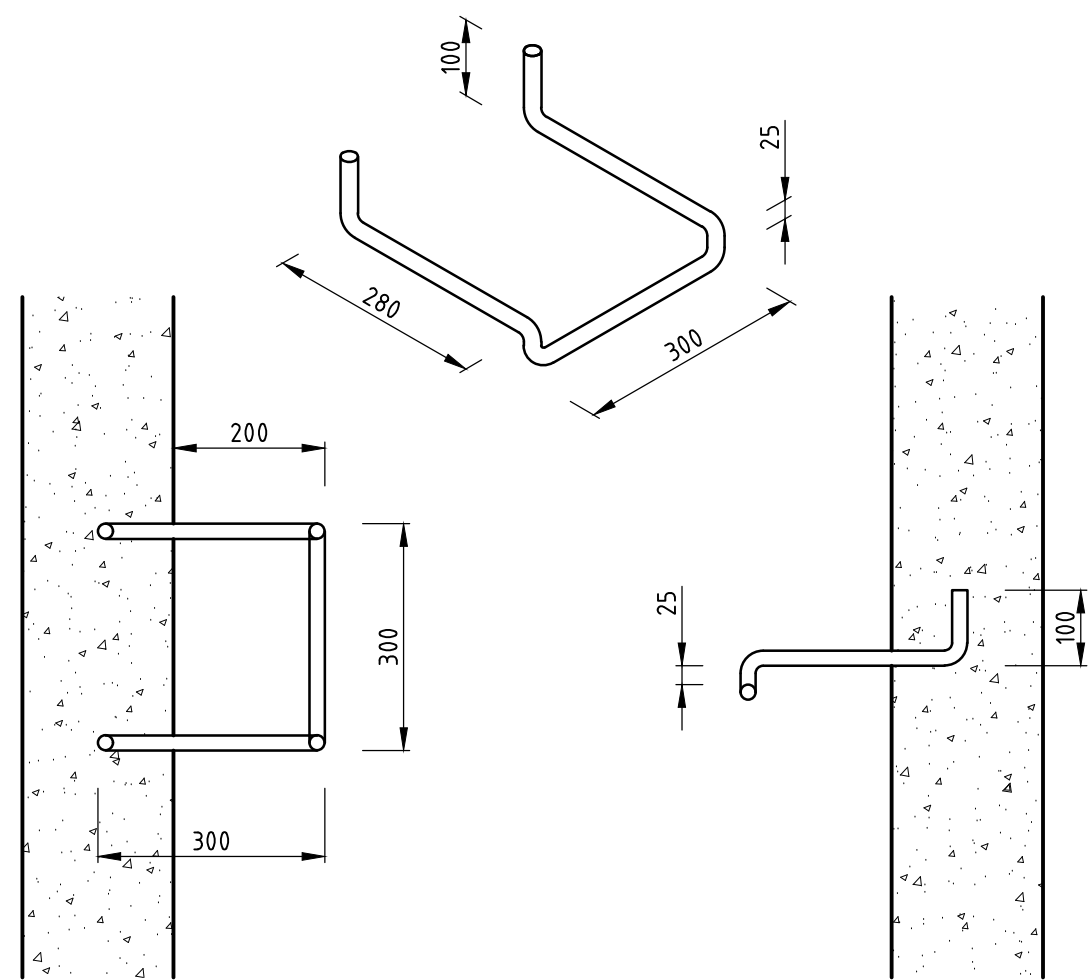


1. PRIOR TO ANY FORECAST WATER EVENT, LIKELY TO RESULT IN SEDIMENT LADEN RUNOFF ON THE SITE, ANY EXISTING DETENTION BASINS/TANKS/TRAPS SHALL BE DEWATERED TO PROVIDE SUFFICIENT CAPACITY TO CAPTURE SEDIMENT LADEN WATER FROM THE SITE.
2. ANY SEDIMENT LADEN WATER CAPTURED ON-SITE MUST BE TREATED TO ENSURE IT WILL MEET COUNCIL'S WATER QUALITY OBJECTIVES PRIOR TO ITS RELEASE FROM SITE. A SAMPLE OF THE RELEASED TREATED WATER MUST BE KEPT ON-SITE IN A CLEAR CONTAINER WITH THE SAMPLE DATE RECORDED.
3. NO ALUMINIUM BASED PRODUCTS MAY BE USED TO TREAT TURBID WATER (FLOCCULATING/COAGULANTS) ON-SITE WITHOUT THE PRIOR WRITTEN PERMISSION FROM AN APPROPRIATE COUNCIL OFFICER. THE APPLICANT MUST HAVE DEMONSTRATED ABILITY TO USE SUCH PRODUCTS CORRECTLY AND WITHOUT ENVIRONMENTAL HARM PRIOR TO ANY APPLICATION.
4. THE CHEMICAL/AGENT (FLOCCULATING/COAGULANTS) USED IN TYPE D AND TYPE F BASINS/TANKS TO TREAT TURBID WATER CAPTURED IN THE BASIN/TANKS MUST BE APPLIED IN CONCENTRATIONS SUFFICIENT TO ACHIEVE COUNCIL'S WATER QUALITY OBJECTIVES (TSS < 50mg/L, TURBIDITY < 60 NTU,  $6.5 < \text{pH} < 8.5$ ) WITHIN THE 5-DAY RAINFALL DEPTH USED TO CALCULATE THE CAPACITY OF THE BASIN/TANKS, AFTER A RAINFALL EVENT.
5. ALL MANUFACTURERS' INSTRUCTIONS MUST BE FOLLOWED FOR THE USE OF ANY CHEMICALS/AGENTS USED ON-SITE. AGENTS WERE APPROVED BY THE RESPONSIBLE PERSON OR AN APPROPRIATE COUNCIL OFFICER.
6. SUFFICIENT QUANTITIES OF CHEMICALS/AGENTS TO TREAT TURBID WATER (FLOCCULATING/COAGULANTS) MUST BE PLACED SUCH THAT WATER ENTERING THE BASINS/TANKS/SEDIMENT TRAP MIXES WITH THE CHEMICALS/AGENTS AND IS CARRIED INTO THE BASIN/TANKS/TRAP.
7. ANY BASIN/TANKS MUST BE DEWATERED AS SOON AS PRACTICAL, EVENT WATER CAPTURED IN THE BASIN/TANKS ACHIEVES COUNCIL'S WATER QUALITY OBJECTIVES. WHEN THE SEDIMENT IN BASIN/TANKS AFTER EACH RAINFALL EVENT IS LESS THAN WEEKLY, ENSURE THAT ALL SEDIMENT IS REMOVED ONCE THE SEDIMENT STORAGE ZONE IS FULL. ENSURE THAT OUTLET AND EMERGENCY SPILLWAYS WORKS ARE MAINTAINED IN A FULLY OPERATIONAL CONDITION AT ALL TIMES.

| SEDIMENT BASIN SIZING                           |                         |
|-------------------------------------------------|-------------------------|
| CONSTRAINT                                      | VALUE                   |
| CV = VOLUMETRIC RUNOFF COEFFICIENT              | 0.5                     |
| R = 5 DAY, 75 <sup>TH</sup> PERCENTILE RAINFALL | 23.4mm                  |
| A = CATCHMENT AREA                              | 0.124ha                 |
| SETTLING ZONE VOLUME [10xCVxRxA]                | 14.5m <sup>3</sup>      |
|                                                 |                         |
| SOIL LOSS (CALC ABOVE)                          | 12m <sup>3</sup> /ha/yr |
| A2 = DISTURBED CATCHMENT AREA                   | 0.124ha                 |
| SEDIMENT STORAGE VOLUME [0.17xSOIL LOSSxA2]     | 11m <sup>3</sup>        |
|                                                 |                         |
| TOTAL BASIN VOLUME REQUIRED                     | 15.5m <sup>3</sup>      |

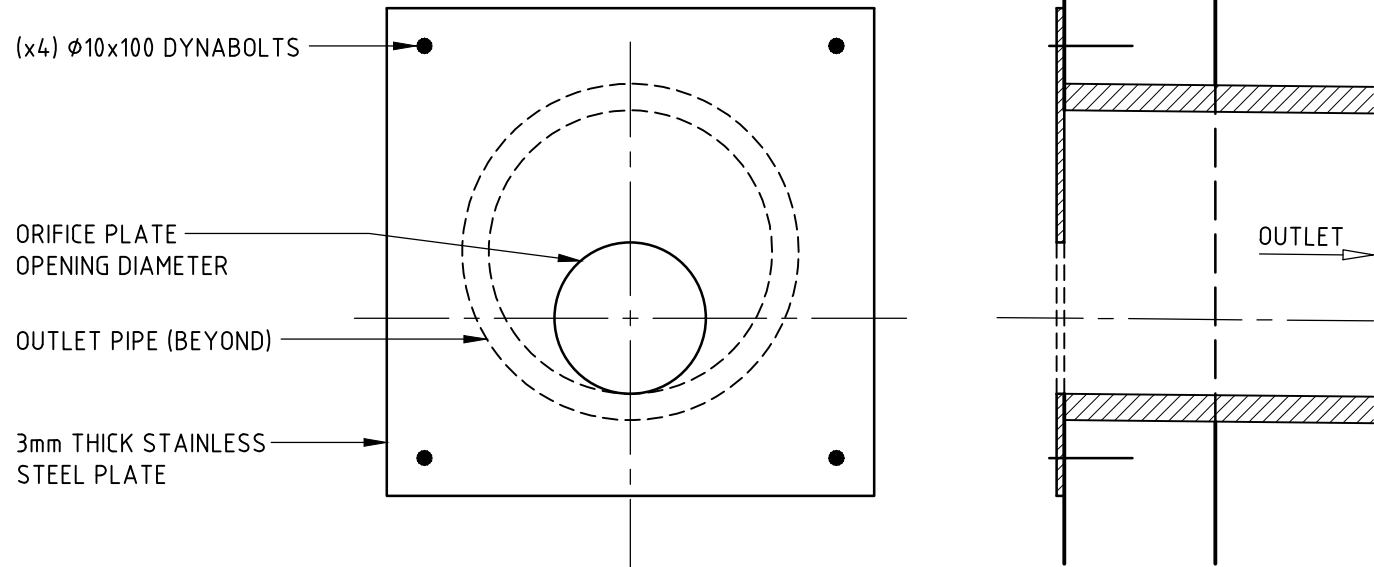
| REVISION | DESCRIPTION             | ISSUED | VER'D | APP'D | DATE     | CLIENT                                                                                | ARCHITECT                                                                             |  | ALL SETOUT TO ARCHITECT'S DRAWINGS, DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK.<br>NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. |  <div>Central Coast<br/>Suite 4, 257-259 Central Coast Hwy, Erina NSW 2250<br/>Ph (02) 4365 1666<br/>Email <a href="mailto:centralcoast@northrop.com.au">centralcoast@northrop.com.au</a> ABN 81 094 433 100</div> | PROJECT                               | DRAWING TITLE                  | JOB NUMBER           |
|----------|-------------------------|--------|-------|-------|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|----------------------|
| A        | DEVELOPMENT APPLICATION | JWS    |       |       | 27.03.25 | EDSGEAR PTY LTD                                                                       |  |  | PROPOSED MIXED-USE DEVELOPMENT                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                         | INTERNAL CIVIL WORKS                  | 233364                         |                      |
|          |                         |        |       |       |          | DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED. | THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD.     |  | 28 - 38 PACIFIC HIGHWAY<br>ST LEONARDS<br>NSW 2065                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                         | SEDIMENT & EROSION<br>CONTROL DETAILS | DRAWING NUMBER<br><b>C2.02</b> | REVISION<br><b>A</b> |

VERIFIER  
JOB MANAGER: B SUCKLING  
DESIGNED: DHYSLOP  
DRAWN: J WINWOOD-SMITH

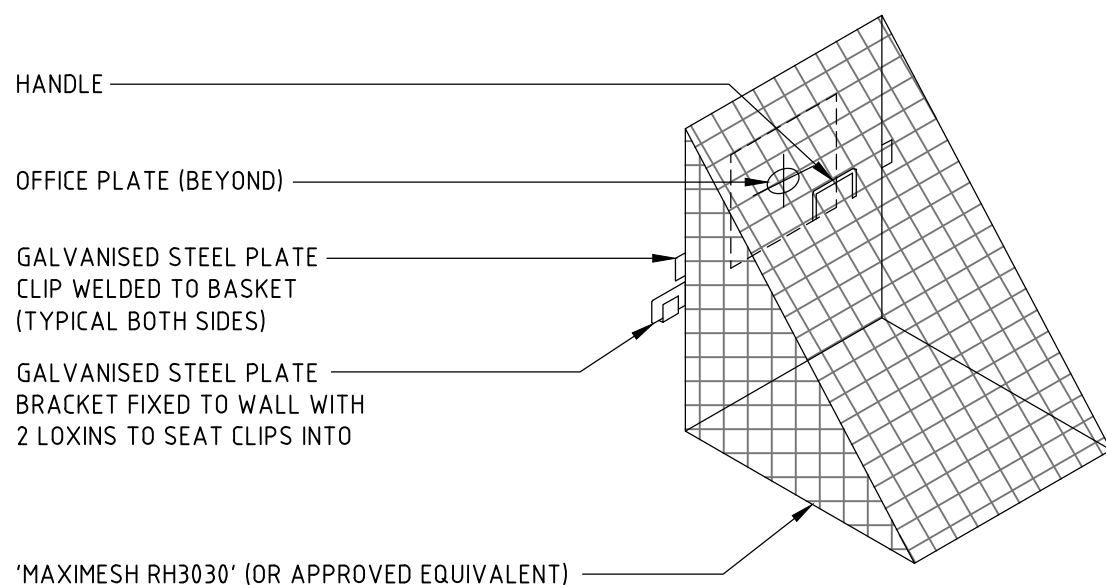


### STEP IRON DETAIL

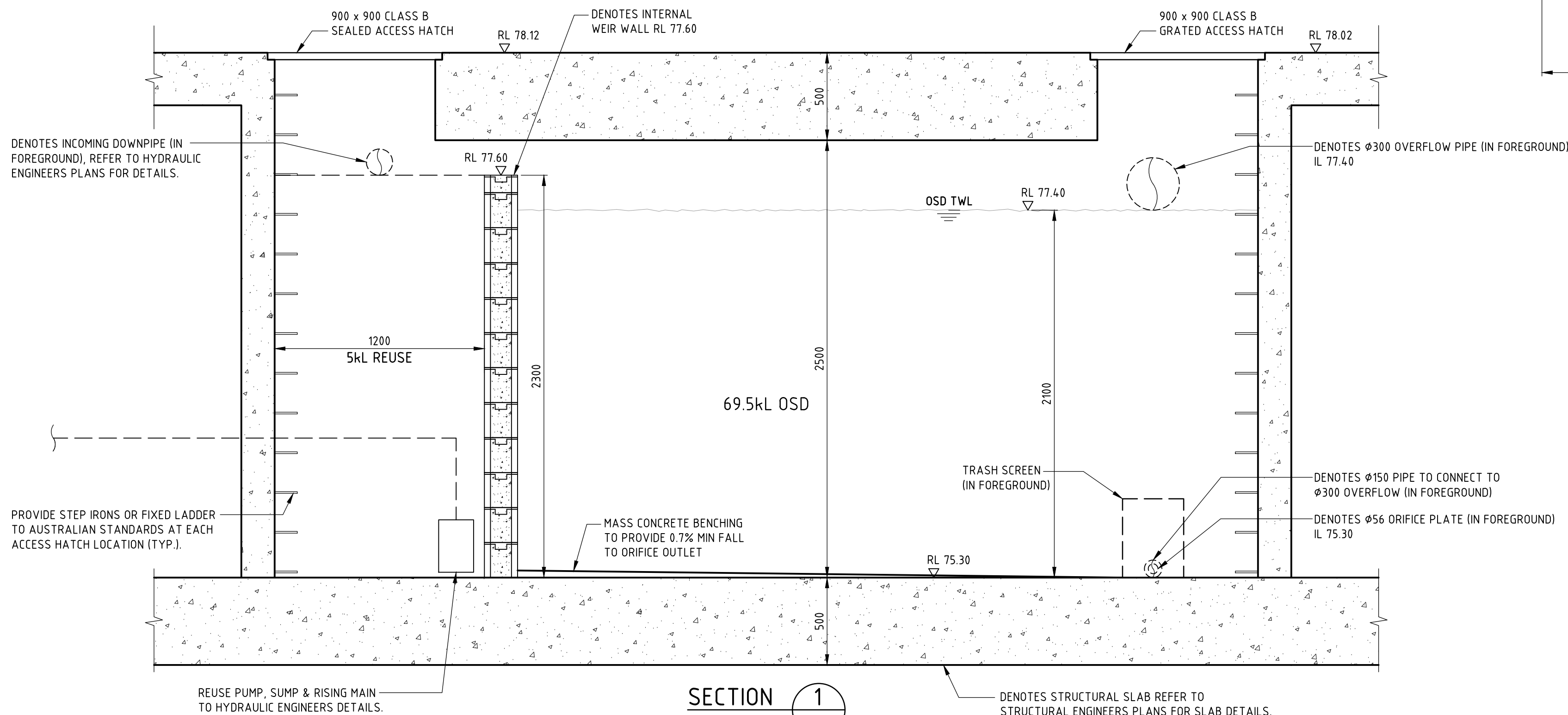
STEP IRON OF 20mm GALVANISED STEEL MADE TO SHAPE AND DIMENSIONS AS SHOWN, PLACED AT 300 CENTRES AND STAGGERED HORIZONTALLY FOR ALL PITS DEEPER THAN 1.0m. THE USE OF PROPRIETARY STEP IRONS ARE ACCEPTABLE PROVIDED THE PRODUCT IS IN ACCORDANCE WITH AUSTRALIAN STANDARDS



### ORIFICE PLATE DETAIL

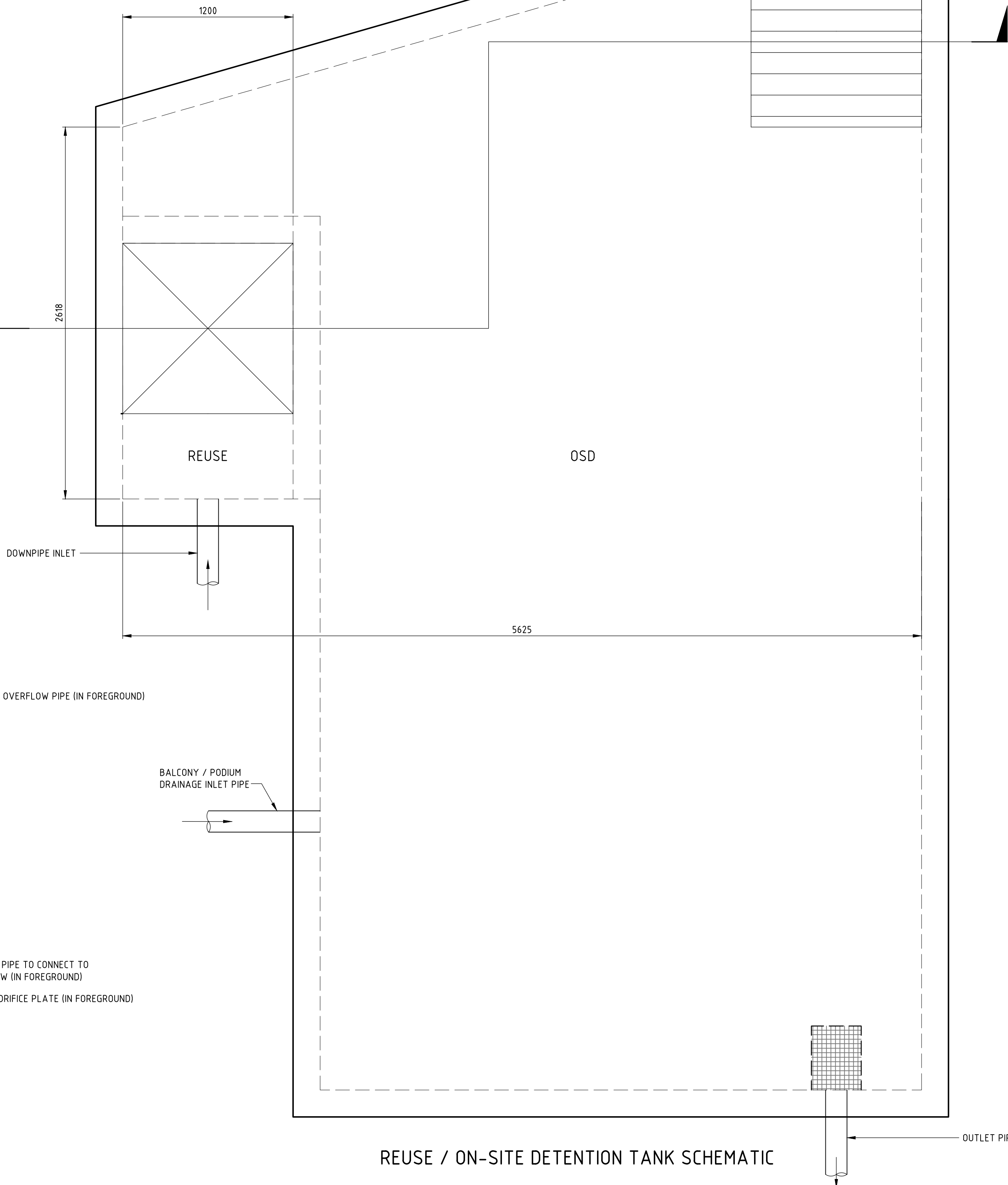


### TRASH SCREEN DETAIL



### SECTION 1

NOTE: REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR TANK STRUCTURE DETAILS



### REUSE / ON-SITE DETENTION TANK SCHEMATIC

NOT FOR CONSTRUCTION

| REVISION | DESCRIPTION             | ISSUED | VER'D | APP'D | DATE     |
|----------|-------------------------|--------|-------|-------|----------|
| 1        | ISSUED FOR COORDINATION | JWS    |       |       | 29.11.24 |
| A        | DEVELOPMENT APPLICATION | JWS    |       |       | 27.03.25 |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |
|          |                         |        |       |       |          |

|                                                                                      |                                                                                   |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| CLIENT                                                                               | EDSGEAR PTY LTD                                                                   |
| ARCHITECT                                                                            | tonkin<br>zulaikha<br>greer                                                       |
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