

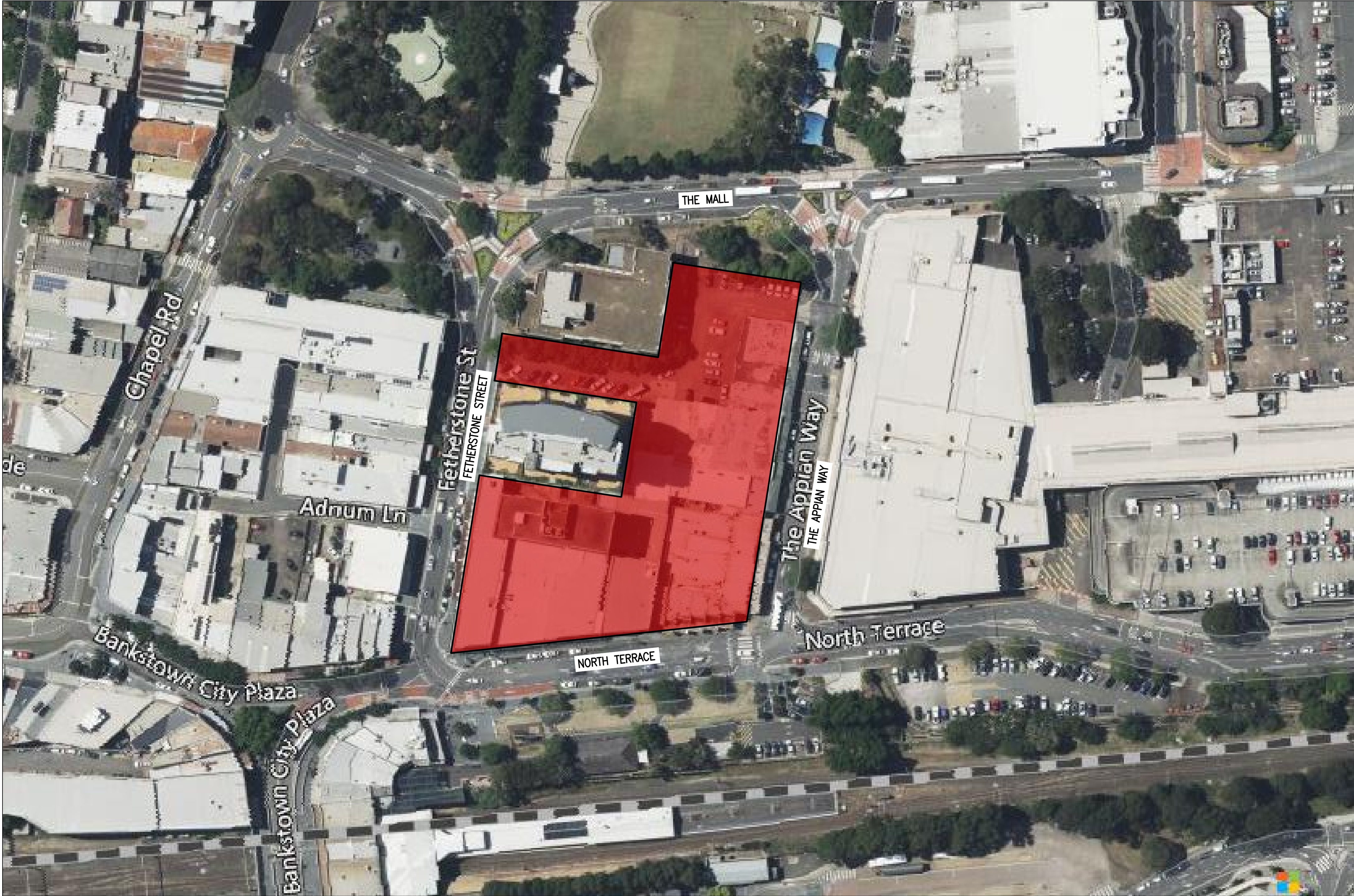
BARINGS COMPASS CENTRE
- BANKSTOWN
CIVIL ENGINEERING DRAWING SET

APPROVED

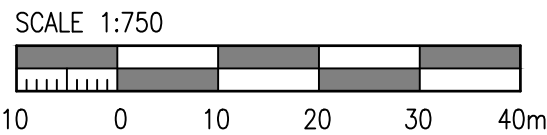
I hereby confirm that I have viewed all drawings in this set and they are approved for issue.
I also confirm that any design check and review processes required for this issue by the Design Check and Review Work Practice have been completed.

Approved by: Chris.Waite

Date/Time: 21/06/2024 17:45:14 GMT+1000



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Rev	Revision Description	By	App	Date
P01	FOR APPROVAL	HS	VS	22.04.2024
P02	FOR APPROVAL	VS	CW	21.06.2024

Rev	Revision Description	By	App	Date
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Structural, Civil & Construction
Engineering Consultant

RobertBirdGroup
Member of the Surbana Jurong Group

SYDNEY OFFICE
Robert Bird Group Pty Ltd
PO Box 6461
North Sydney, NSW 2059
Level 6, 100 Pacific Highway
North Sydney NSW 2060

Ph: (02) 8246 3200
Fax: (02) 8246 3201
Email: sydney@robertbird.com.au
Web: www.robertbird.com
ACN 010 580 248

Client

BARINGS

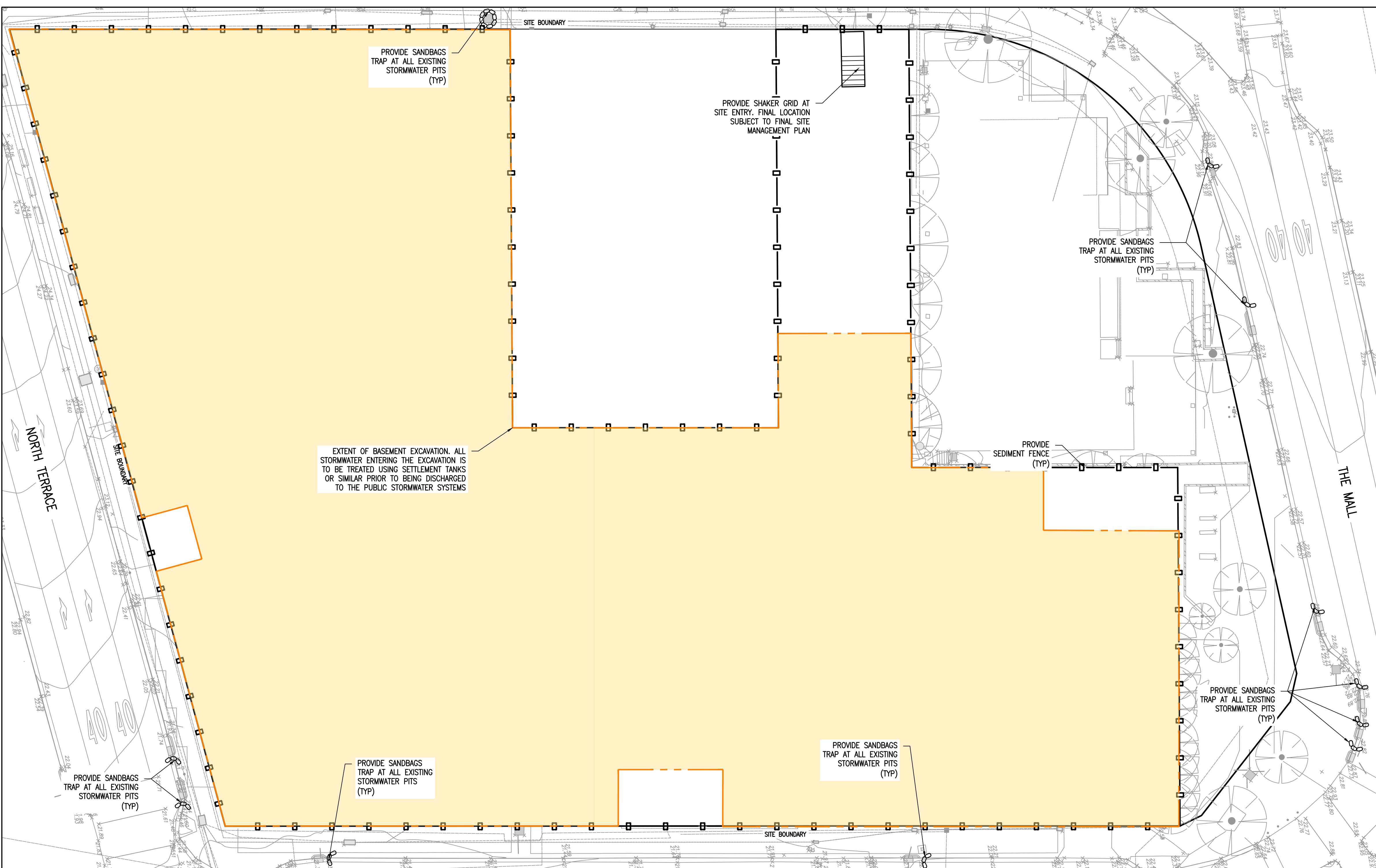
Title

COVER SHEET

Project

**BARINGS COMPASS CENTRE
BANKSTOWN**

Date 24.04.24 Scale at A1 1:750	Drawn H. ARIKAN Designer V. SANTOS	Design Checker N. LY Approved C.WAITE Job No. 23334
Drawing Number 23491-RBG-XX-XX-DR-CV-80000		Revision P02

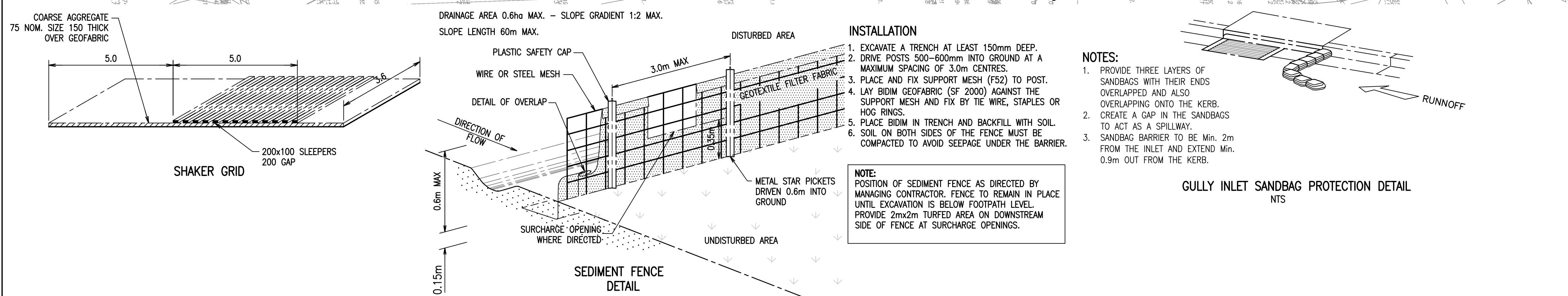


- GENERAL NOTES:**
1. THIS SOIL AND WATER MANAGEMENT PLAN IS TO BE READ IN CONJUNCTION WITH OTHER ENGINEERING PLANS RELATING TO THIS DEVELOPMENT.
 3. REFER GEOTECHNICAL REPORT FOR EARTHWORKS AND PARAMETERS.
 10. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE APPROVED CONSTRUCTION ENTRY/EXIT ROUTE.
 11. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
 12. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
 13. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.
 14. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS HAVE BEEN COMPLETED.
 15. KERB INLET SOCKS TO BE PROVIDED ON DOWNSTREAM PITS.

- SEQUENCE OF WORKS**
1. PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
 - 1.1. CONSTRUCT SILT CONTROL DEVICES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
 - 1.2. CO-ORDINATE CONSTRUCTION ENTRY/EXIT ROUTES WITH PROJECT MANAGER. ARRANGE SUITABLE LOCATION FOR THE INSPECTION OF TRUCKS PRIOR TO LEAVING SITE AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEM.
 - 1.3. CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING STORMWATER SYSTEM.
 - 1.4. PROVIDE SANDBAG TRAPS UPSTREAM OF EXISTING PITS.
 - 1.5. LOCATE A 1.8 METRE CHAIN WIRE FENCE AROUND THE BOUNDARIES AND ATTACH HESSIAN CLOTH TO IT ON THE WINDWARD SIDE (TIES AT THE TOP CENTER AND BOTTOM AND AT 1 METRE INTERVALS.
 2. DISTURBED AREAS ARE REGULARLY WATERED TO REDUCE DUST POLLUTION.
 3. CONSTRUCT GEOTEXTILE FILTER PIT SURROUND AROUND ALL PROPOSED PITS AS THEY ARE CONSTRUCTED.
 4. ON COMPLETION OF PAVEMENT PROVIDE SAND BAG KERB INLET SEDIMENT TRAPS AROUND PITS.
 5. PROVIDE AND MAINTAIN A STRIP OF TURF ON BOTH SIDES OF ALL ROADS AFTER THE CONSTRUCTION OF KERBS.

- EROSION AND SEDIMENT CONTROL NOTES**
1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:
 - (A) LOCAL AUTHORITY REQUIREMENTS,
 - (B) EPA – POLLUTION CONTROL MANUAL FOR URBAN STORMWATER,
 - (C) DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT MANUAL- "URBAN EROSION & SEDIMENT CONTROL".
 2. EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE WORKS. SHOULD THE CONTRACTOR STAGE THESE WORKS THEN THE DESIGN MAY REQUIRE TO BE MODIFIED. VARIATION TO THESE DETAILS MAY REQUIRE TO BE APPROVED BY THE RELEVANT AUTHORITIES. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED AND ADOPTED TO MEET THE VARYING SITUATIONS AS WORK ON SITE PROGRESSES.
 3. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
 4. WHEN STORMWATER PITS ARE CONSTRUCTED PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SILT FENCES ARE ERECTED AROUND PITS.
 5. MINIMIZE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
 6. PROTECT ALL STOCKPILES OF MATERIALS FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
 7. ALL SOIL AND WATER CONTROL MEASURES ARE TO BE PUT BACK IN PLACE AT THE END OF EACH WORKING DAY, AND MODIFIED TO BEST SUIT SITE CONDITIONS.
 8. CONTROL WATER FROM UPSTREAM OF THE SITE SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE.
 9. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE APPROVED CONSTRUCTION ENTRY/EXIT ROUTE.
 10. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
 11. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
 12. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.
 13. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS HAVE BEEN COMPLETED.

- SITE MAINTENANCE NOTES:**
- SM1. THE CONTRACTOR SHALL INSPECT THE SITE AT LEAST WEEKLY AND AT THE CONCLUSION OF EVERY STORM EVENT TO:
- A) ENSURE THAT DRAINS OPERATE PROPERLY AND TO EFFECT AND NECESSARY REPAIRS.
 - B) REMOVED SPILLED SAND OR OTHER MATERIALS FROM HAZARD AREAS, INCLUDING LANDS CLOSER THAN 5 METRES FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS ESPECIALLY WATERWAYS AND PAVED AREAS.
 - C) REMOVED TRAPPED SEDIMENT WHENEVER THE DESIGN CAPACITY OF THAT STRUCTURES HAS BEEN EXCEEDED.
 - D) ENSURE REHABILITATION LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD TO INITIATE UPGRADING OR REPAIR AS NECESSARY.
 - E) CONSTRUCT ADDITIONAL EROSION AND OR SEDIMENT CONTROL WORKS THAT MIGHT BECOME NECESSARY TO ENSURE THE DESIRED PROTECTION IS GIVEN TO DOWNSLOPE LANDS AND WATERWAYS. MAKE ONGOING CHANGES TO THE PLAN WHERE IT PROVES INADEQUATE IN PRACTICE OR IS SUBJECT TO CHANGES IN CONDITIONS ON THE WORK-SITE OR ELSEWHERE IN THE CATCHMENT.
 - F) MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES IN A FULLY FUNCTIONING CONDITION UNTIL ALL EARTHWORK ACTIVITIES ARE COMPLETED AND THE SITE IS REHABILITATED.
- SM2. THE SITE SUPERINTENDENT WILL KEEP A LOGBOOK MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY BEFORE FORECAST RAIN AND AFTER RAINFALL. ENTRIES WILL INCLUDE:
- A) THE VOLUME AND INTENSITY OF ANY RAINFALL EVENTS.
 - B) THE CONDITION OF ANY SOIL AND WATER MANAGEMENT WORKS.
 - C) THE CONDITION OF VEGETATION AND ANY NEED TO IRRIGATE.
 - D) THE NEED FOR DUST PREVENTION STRATEGIES
- THE LOGBOOK WILL BE KEPT ON-SITE AND MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. IT WILL BE GIVEN TO THE SUPERINTENDENT AT THE CONCLUSION OF THE WORKS.



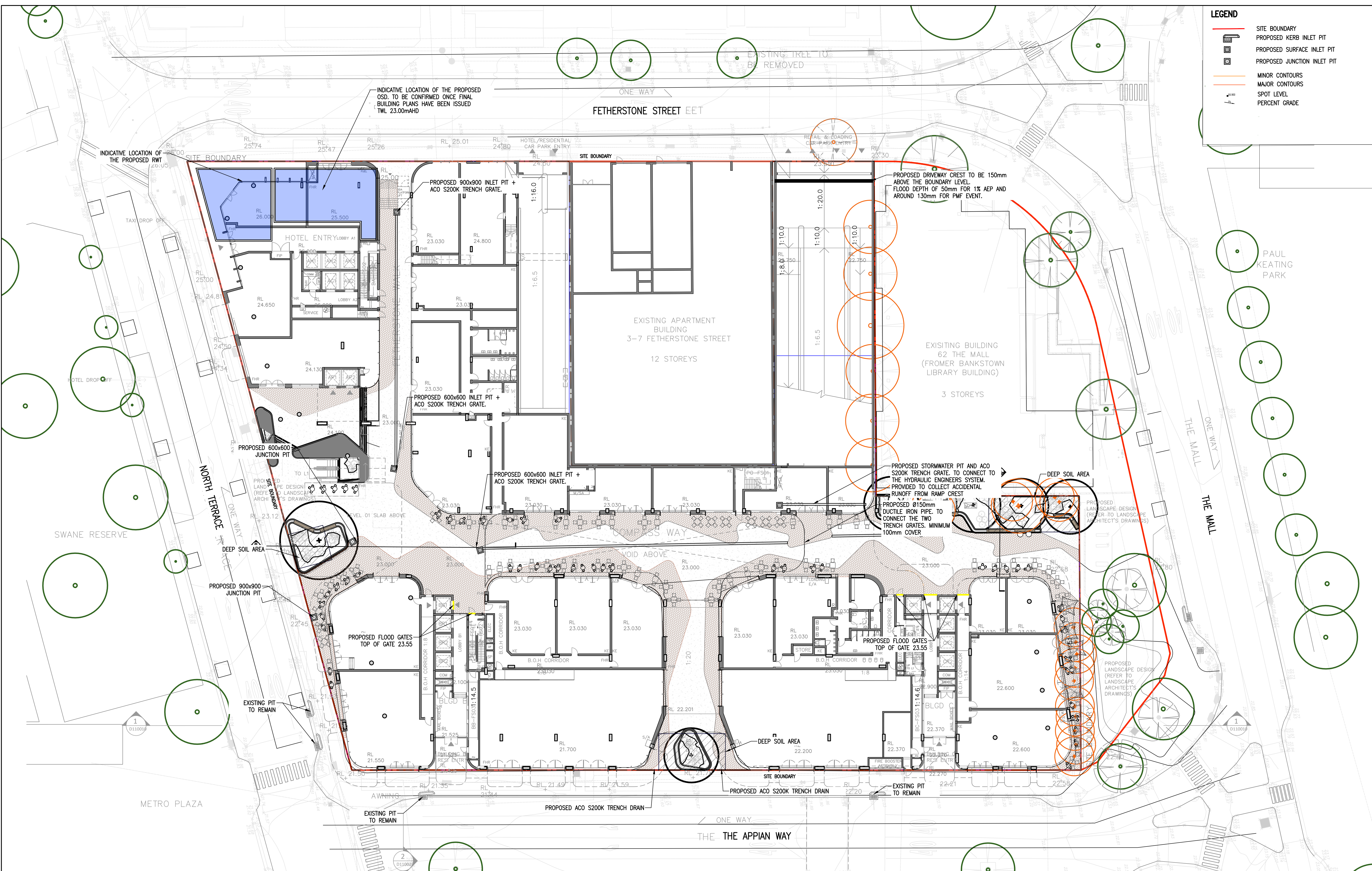
- INSTALLATION**
1. EXCAVATE A TRENCH AT LEAST 150mm DEEP.
 2. DRIVE POSTS 500-600mm INTO GROUND AT A MAXIMUM SPACING OF 3.0m CENTRES.
 3. PLACE AND FIX SUPPORT MESH (F52) TO POST.
 4. LAY BIDIM GEOFABRIC (SF 2000) AGAINST THE SUPPORT MESH AND FIX BY TIE WIRE, STAPLES OR HOG RINGS.
 5. PLACE BIDIM IN TRENCH AND BACKFILL WITH SOIL.
 6. SOIL ON BOTH SIDES OF THE FENCE MUST BE COMPACTED TO AVOID SEEPAGE UNDER THE BARRIER.
- NOTE:** POSITION OF SEDIMENT FENCE AS DIRECTED BY MANAGING CONTRACTOR. FENCE TO REMAIN IN PLACE UNTIL EXCAVATION IS BELOW FOOTPATH LEVEL. PROVIDE 2mx2m TURFED AREA ON DOWNSTREAM SIDE OF FENCE AT SURCHARGE OPENINGS.

- NOTES:**
1. PROVIDE THREE LAYERS OF SANDBAGS WITH THEIR ENDS OVERLAPPED AND ALSO OVERLAPPING ONTO THE KERB.
 2. CREATE A GAP IN THE SANDBAGS TO ACT AS A SPILLWAY.
 3. SANDBAG BARRIER TO BE Min. 2m FROM THE INLET AND EXTEND Min. 0.9m OUT FROM THE KERB.

LEGEND

- PROPOSED BASEMENT EXCAVATION EXTENT
- PROPOSED SEDIMENT FENCE
- PROVIDE TEMPORARY SANDBAGS INLET PROTECTION AROUND PITS.
 1. AFTER PAVEMENT WORKS IF CONSTRUCTION IS ONGOING UPSTREAM.
 2. TO EXISTING GRATED PITS DOWNSTREAM OF CONSTRUCTION WORKS.
- PROPOSED SHAKER GRID

Rev Revision Description By App Date P01 FOR APPROVAL HS VS 22.04.2024 P02 FOR APPROVAL VS CW 21.06.2024	Rev Revision Description By App Date Scale 1:1 1:2 1:3 1:4 1:5 1:6 1:7 1:8 Disclaimer: Robert Bird Group Pty Ltd ACN 010 580 248 and its related entities (RBSG) do not warrant the accuracy, currency or completeness of any information or data they supply or transfer by electronic means. You are responsible for verifying that any information or data supplied or transferred by electronic means matches the information or data on the corresponding PDF or DWG version issued by RBSG. RBSG will not be liable for any loss or damage you or any other party incur as a result of acting in reliance on any information or data supplied or transferred by electronic means and you release RBSG from any liability for any loss or damage however caused which you or any other party may directly or indirectly suffer in connection with your access to or use of that information or data. RBSG provides this information for the express purpose contemplated by the underlying terms of engagement for the project which must not be used for any other purpose. The information is not a contractual document. Unless otherwise agreed in writing by RBSG, all intellectual property rights in any information supplied by RBSG are owned by, or licensed to, RBSG. RBSG reserves all intellectual property rights for the express purpose. DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS REFER TO GENERAL NOTES UNLESS NOTED OTHERWISE	Structural, Civil & Construction Engineering Consultant RobertBirdGroup Member of the Surbana Jurong Group SYDNEY OFFICE Robert Bird Group Pty Ltd PO Box 6461 North Sydney, NSW 2059 Level 6, 100 Pacific Highway North Sydney NSW 2060 Ph: (02) 8246 3200 Fax: (02) 8246 3201 Email: sydney@robertbird.com.au Web: www.robertbird.com ACN 010 580 248	Client BARINGS	Title EROSION AND SEDIMENT CONTROL PLAN Project BARINGS COMPASS CENTRE BANKSTOWN	Date 21.06.24 Scale of A1 1:250 Drawn H. ARKAN Designer V. SANTOS Design Checker N. LY Approved C.WATE Job No. 23334 FOR APPROVAL NOT FOR CONSTRUCTION Drawing Number 23334-RGB-XX-XX-DR-CV-82001 Revision P02
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P01	FOR APPROVAL		HS	VS	22.04.2024
P02	FOR APPROVAL		VS	CW	21.06.2024

Rev	Revision	Description	By	App	Date

Scale: 1 2 3 4 5 6 7 8 9 10 11 12

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Structural, Civil & Construction
Engineering Consultant

 **RobertBirdGroup**
Member of the Surbana Jurong
Group

SYDNEY OFFICE

Robert Bird Group Pty Ltd
PO Box 1000
North Sydney, NSW 2059
Level 6, 100 Pacific
Highway
Sydney NSW 2000

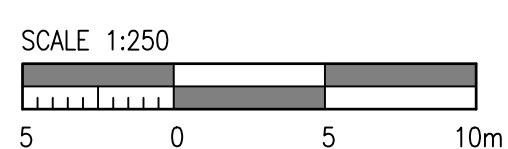
Ph: (02) 8246 3200
Fax: (02) 8246 3201
Email: sydney@robertbird.com.au
Web: www.robertbird.com
ACN 010 580 248

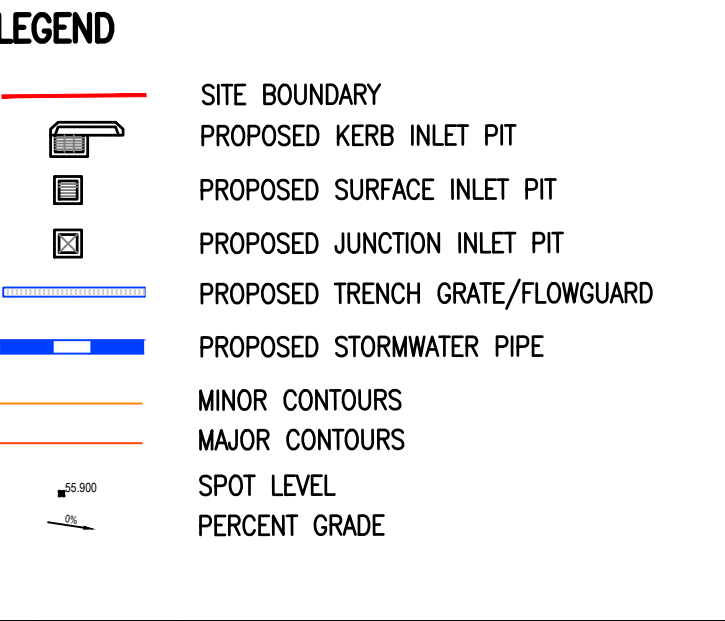
Client

BARINGS

Title	GENERAL ARRANGEMENT PLAN
Project	BARINGS COMPASS CENTRE BANKSTOWN

Date 21.06.24	Drawn H. ARIKAN	Design Checker N. LY
Scale at A1 1:250	Designer V. SANTOS	Approved C.WATE
		Job No. 23334
FOR APPROVAL NOT FOR CONSTRUCTION		
Drawing Number 23334-RGB-XX-XX-DR-CV-83001		Revision P02





Date 21.06.24	Drawn H. AFRIKAN	Design Checker N. LY
Scale at A1 1:250	Designer V. SANTOS	Approved C.WAITE
		Job No. 23334
FOR APPROVAL NOT FOR CONSTRUCTION		
Drawing Number 23334-RGB-XX-XX-DR-CV-87001		Revision P02

