MINTO LOGISTICS HUB

5-9 CULVERSTON ROAD, MINTO, NSW 2566 STATE SIGNIFICANT DEVELOPMENT APPLICATION MODIFICATION TO SSD7500

DRAWING LIST

DRAWING NO. CO14506.00-SSDA10 DRAWING LIST & GENERAL NOTES EROSION AND SEDIMENT CONTROL PLAN CO14506.00-SSDA20 EROSION AND SEDIMENT CONTROL DETAILS CO14506.00-SSDA25 BULK EARTHWORKS PLAN CO14506.00-SSDA30 CO14506.00-SSDA31 CUT/FILL PLAN CO14506.00-SSDA35 BULK EARTHWORKS SECTIONS - SHEET 1 CO14506.00-SSDA36 BULK EARTHWORKS SECTIONS - SHEET 2 CO14506.00-SSDA40 STORMWATER DRAINAGE PLAN CO14506.00-SSDA45 STORMWATER DRAINAGE DETAILS - SHEET 1 CO14506.00-SSDA46 STORMWATER DRAINAGE DETAILS - SHEET 2

CO14506.00-SSDA50 FINISHED LEVELS PLAN

CO14506.00-SSDA65 RETAINING WALL DETAILS

CO14506.00-SSDA55 TYPICAL SECTIONS

GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. ENGINEER'S DRAWINGS ISSUED IN ANY ELECTRONIC FORMAT MUST NOT BE USED FOR DIMENSIONAL SETOUT. REFER TO THE ARCHITECT'S DRAWINGS FOR ALL DIMENSIONAL SETOUT INFORMATION.
- 4. DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES.
- 5. UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- 6. ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF THE

EXISTING SERVICES

- 1. DURING THE EXECUTION OF WORKS, THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING SERVICES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED TO THE EXISTING SERVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE RELEVANT SERVICE AUTHORITY, AT NO COST TO THE PRINCIPAL.
- WHERE IT IS NECESSARY TO REMOVE, DIVERT OR CUT INTO ANY EXISTING SERVICE, THE CONTRACTOR SHALL GIVE AT LEAST THREE (3) DAYS NOTICE OF ITS REQUIREMENTS TO THE SUPERINTENDENT, WHO WILL ADVISE WHAT ARRANGEMENTS SHOULD BE MADE FOR THE ALTERATION OF SUCH EXISTING WORKS.
- 3. ALL NEW AND EXHUMED SERVICES THAT CROSS EXISTING AND FUTURE ROADS/PAVEMENTS WITHIN THE SITE SHALL BE BACKFILLED WITH DGB20 MATERIAL TO SUBGRADE LEVEL AND COMPACTED TO 98% STANDARD DENSITY RATIO. SUBJECT TO PRIOR APPROVAL FROM RELEVANT AUTHORITY.
- 4. ON COMPLETION OF SERVICES INSTALLATION. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD
- 5. CARE TO BE TAKEN WHEN EXCAVATING NEAR UTILITY SERVICES. NO MECHANICAL EXCAVATION TO BE UNDERTAKEN OVER SERVICES. LIAISE WITH RELEVANT AUTHORITY.
- 6. THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY THE WORKS WITHIN THE CONTRACT AREA AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT. ALL TO REGULATORY AUTHORITY STANDARDS AND
- 7. THE CONTRACTOR IS TO MAINTAIN EXISTING STORMWATER DRAINAGE FLOWS THROUGH THE ROADS AT ALL TIMES. MAKE DUE ALLOWANCE FOR ALL SUCH FLOWS AT ALL TIMES.
- 8. PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL OBTAIN THE SUPERINTENDENT'S APPROVAL OF THE PROGRAM FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
- 9. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES AS REQUIRED TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE SUPERINTENDENT. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- 10. INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE OR DAMAGE TO THE ADJACENT RESIDENCES. CONTRACTOR TO GAIN APPROVAL OF THE SUPERINTENDENT FOR TIME OF INTERRUPTION.
- 11. THE CONTRACTOR SHALL UNDERTAKE A DIAL BEFORE YOU DIG (DBYD 1100) SERVICES SEARCH BEFORE THE COMMENCEMENT OF ANY WORKS.

ELECTRONIC INFORMATION NOTES:

- THE ISSUED DRAWINGS IN HARD COPY OR PDF FORMAT TAKE PRECEDENCE OVER ANY ELECTRONICALLY ISSUED INFORMATION, LAYOUTS OR DESIGN MODELS.
- THE CONTRACTOR'S DIRECT AMENDMENT OR MANIPULATION OF THE DATA OR INFORMATION THAT MIGHT BE CONTAINED WITHIN AN ENGINEER-SUPPLIED DIGITAL TERRAIN MODEL AND ITS SUBSEQUENT USE TO UNDERTAKE THE WORKS WILL BE SOLELY AT THE DISCRETION OF AND THE RISK OF THE CONTRACTOR.
- IN THE CONTRACT AND/OR DRAWINGS AND IS REQUIRED TO SEEK CLARIFICATION FROM THE SUPERINTENDENT.
- 4. THE ENGINEER WILL NOT BE LIABLE OR RESPONSIBLE FOR THE POSSIBLE ON-GOING NEED TO UPDATE THE DIGITAL TERRAIN MODEL, SHOULD THERE BE ANY AMENDMENTS OR CHANGES TO THE DRAWINGS OR CONTRACT INITIATED BY THE CONTRACTOR.





FOR APPROVAL

ISSUED FOR APPROVAL PRELIMINARY ONLY PRELIMINARY ONLY PRELIMINARY ONLY PRELIMINARY ONLY AMENDMENTS

17.02.22

04.02.22

29.09.21

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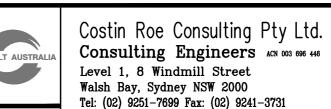
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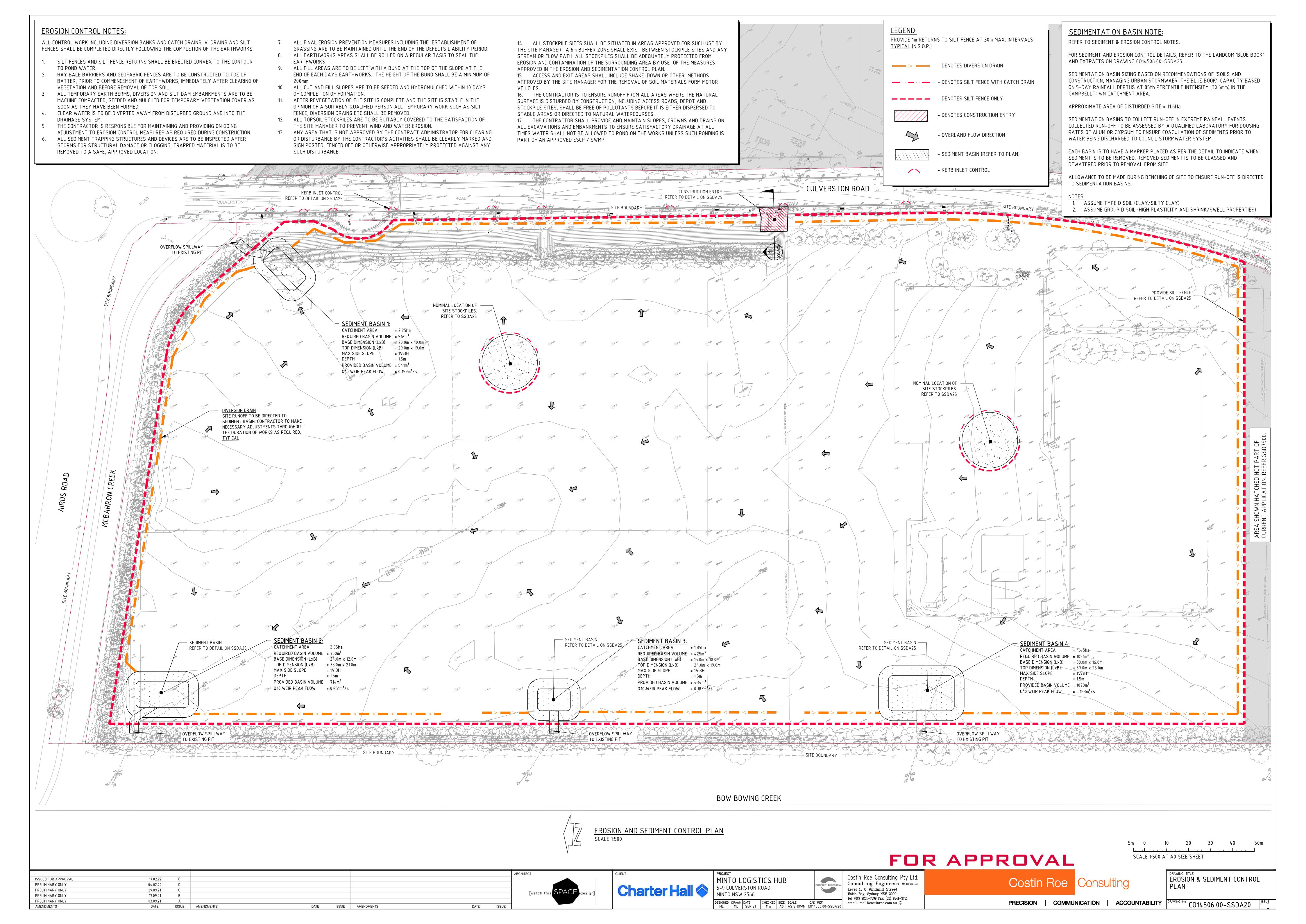


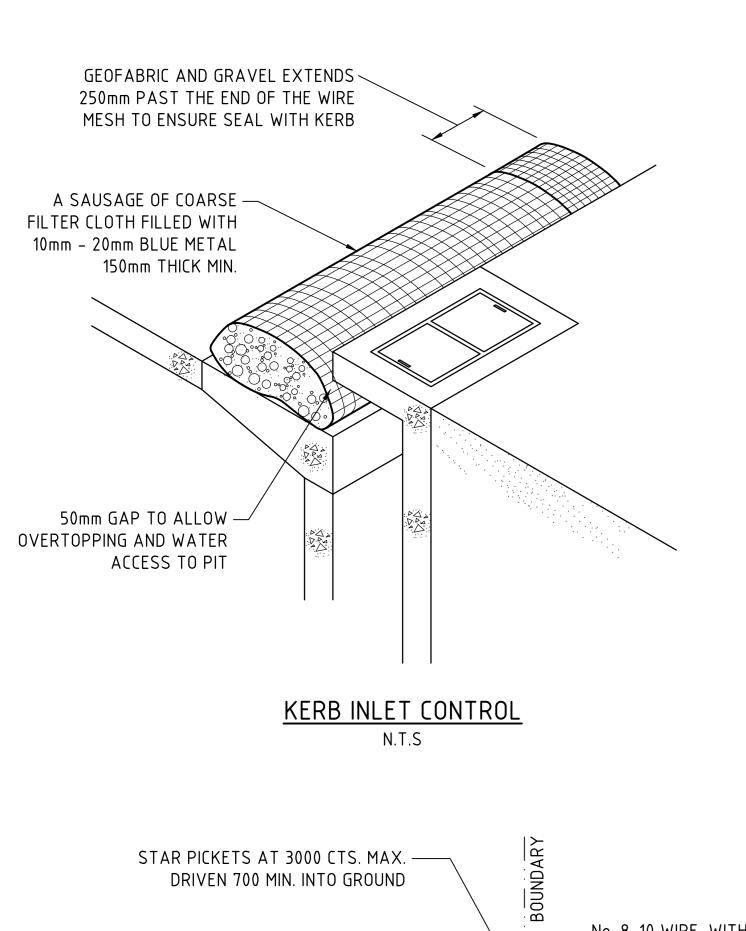


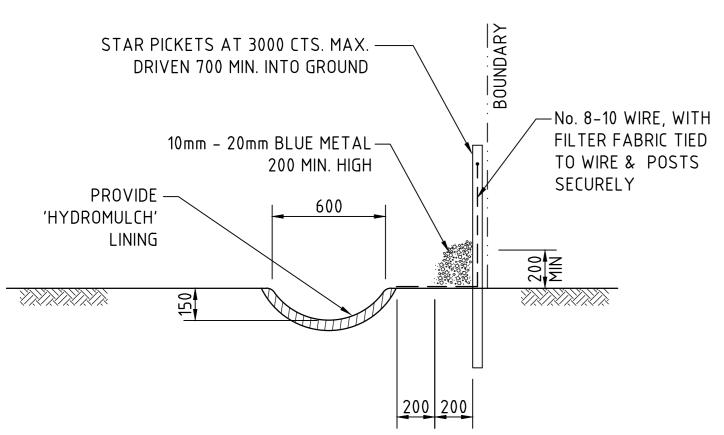


PRECISION | COMMUNICATION | ACCOUNTABILITY

DRAWING LIST & GENERAL NOTES

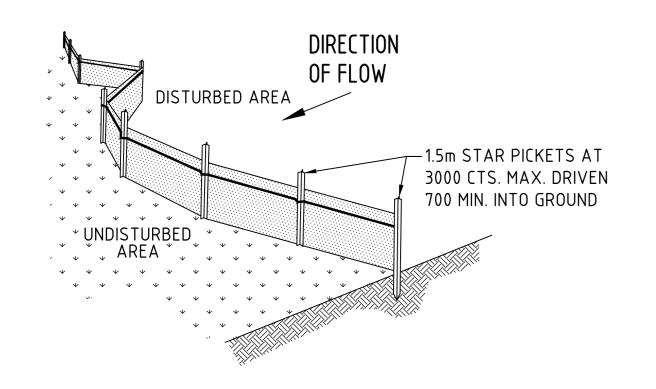




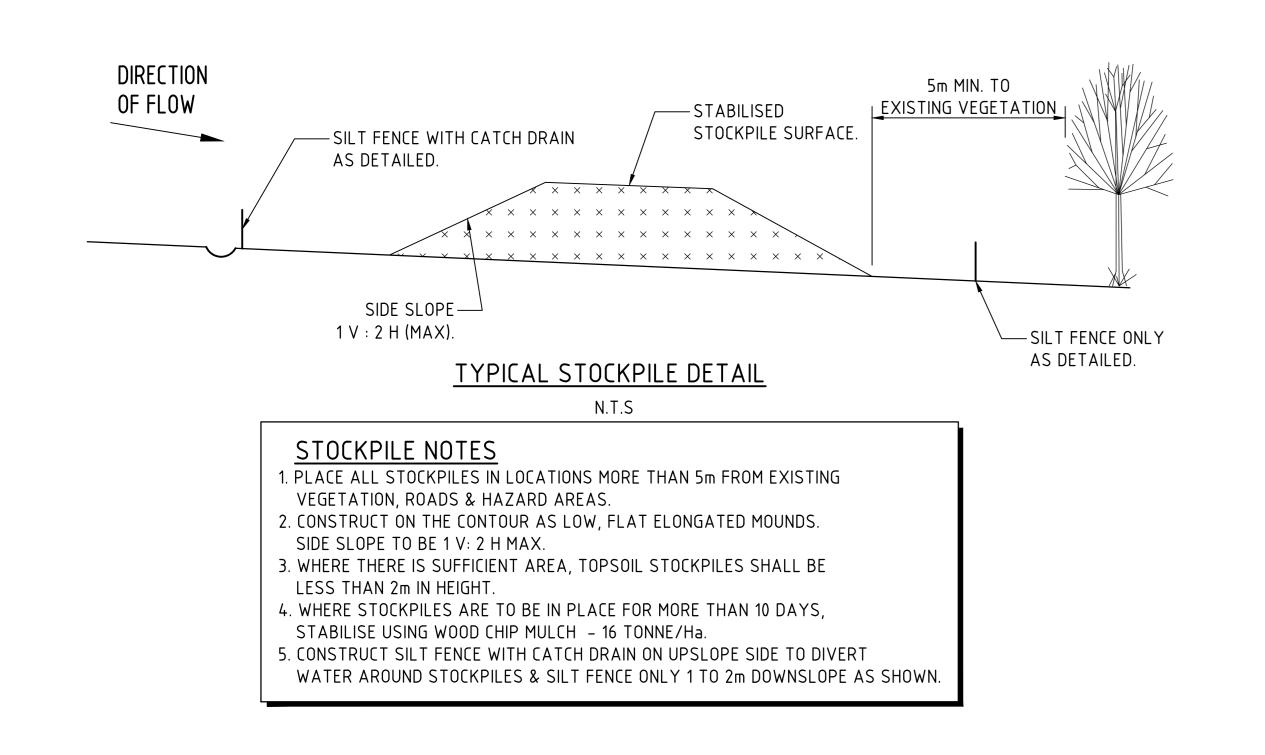


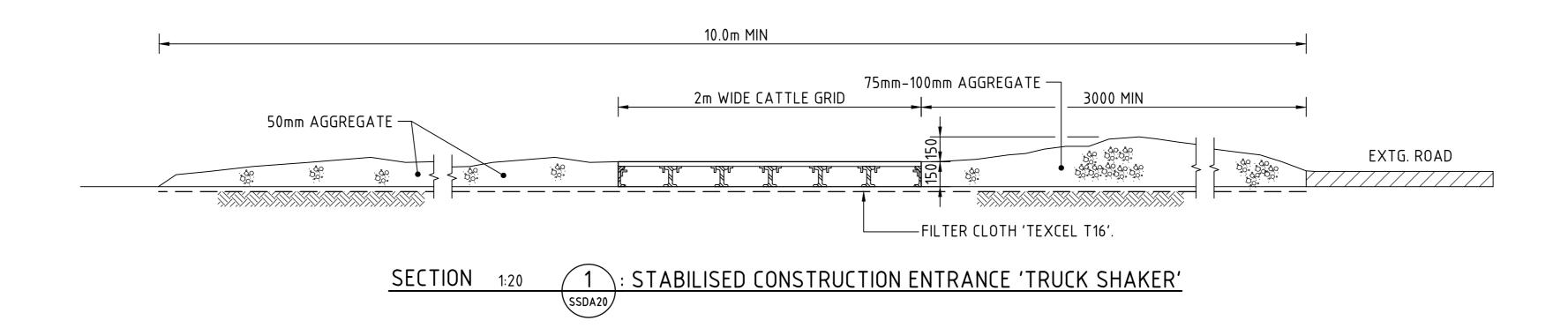
TYPICAL OPEN DRAIN & SILT FENCE SCALE 1:20

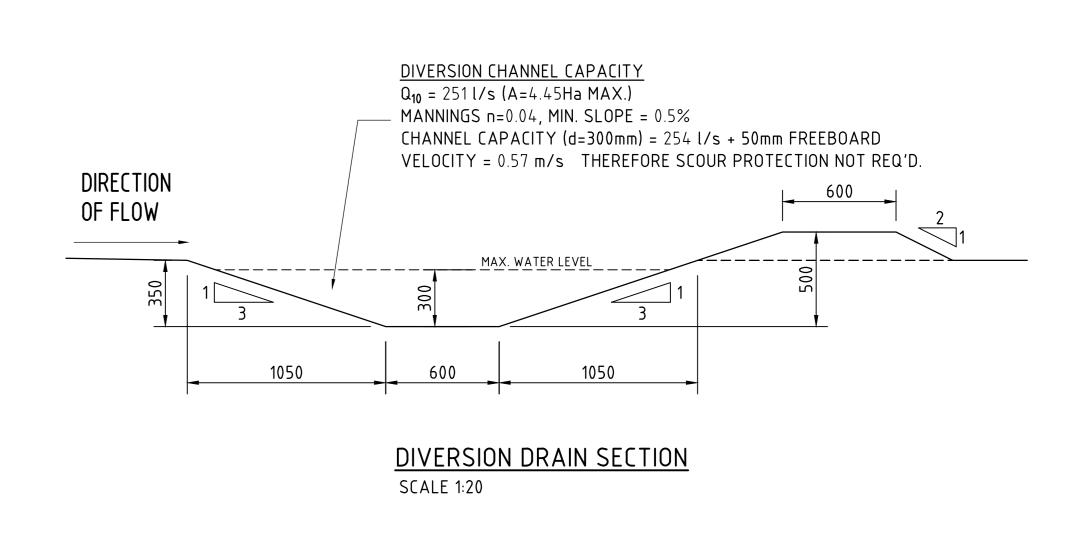
NOTE :
ADOPT ABOVE DETAILS AROUND <u>ALL</u> PITS WITHIN AREA ENCOMPASSED BY SILT FENCE & TO PITS ON THE ROAD ADJACENT TO SITE BOUNDARY.

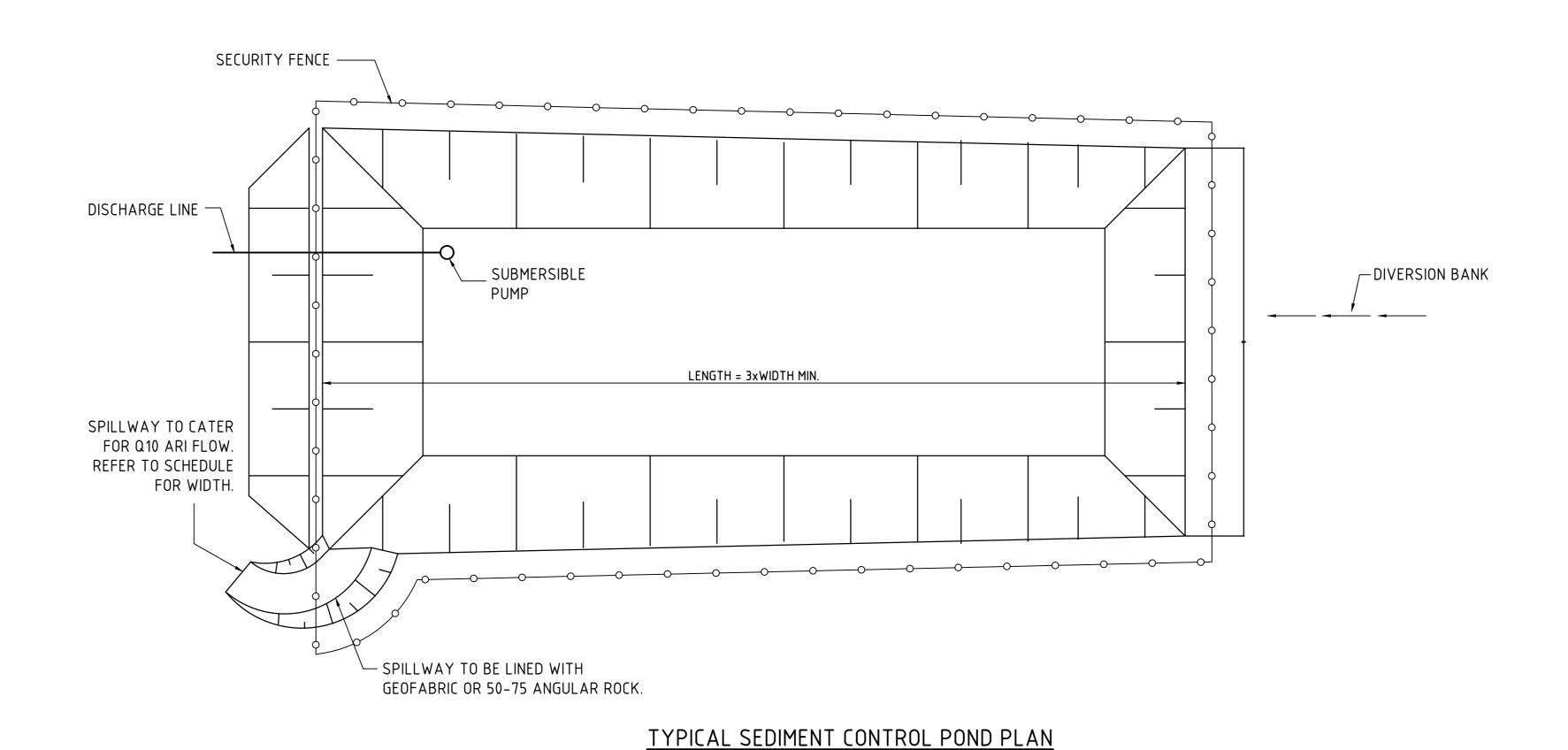


TYPICAL SILT FENCE DETAIL NOTE: PROVIDE 1m RETURNS AT 30m INTERVALS. TYPICAL

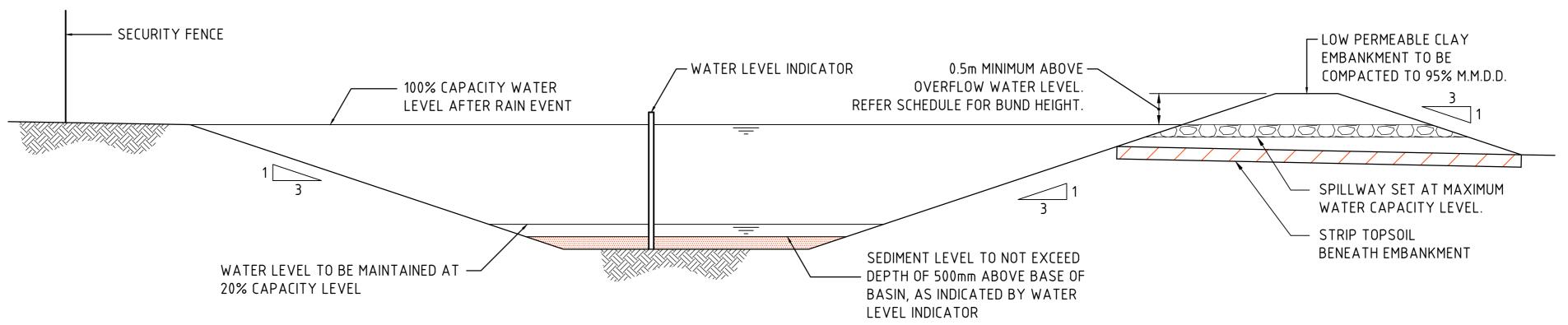








SCALE 1:250



TYPICAL SEDIMENT CONTROL BASIN SECTION

0.3

0.6

1.4

2.8

8

10

SCALE 1:50

SPILLWAY SCHEDULE CATCHMENT FLOW WIDTH FLOW DEPTH ROCK SIZE BUND HEIGHT ABOVE SPILLWAY (m)

0.20

0.20

0.30

0.35

200

200

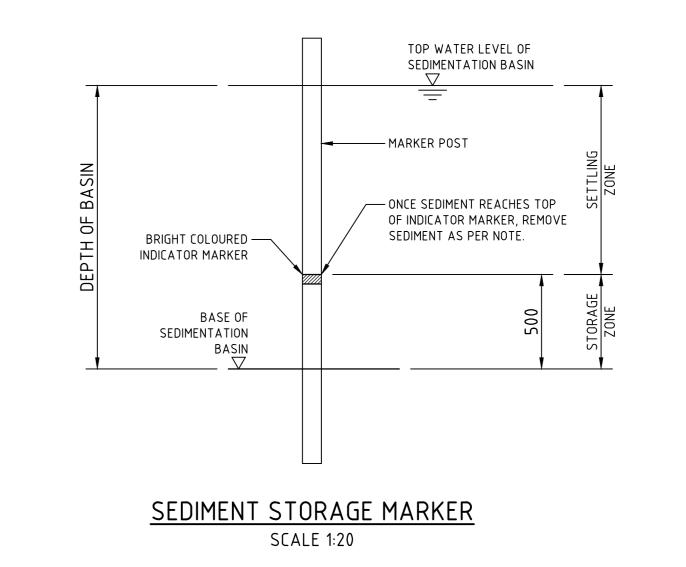
200

0.70

0.70

0.80

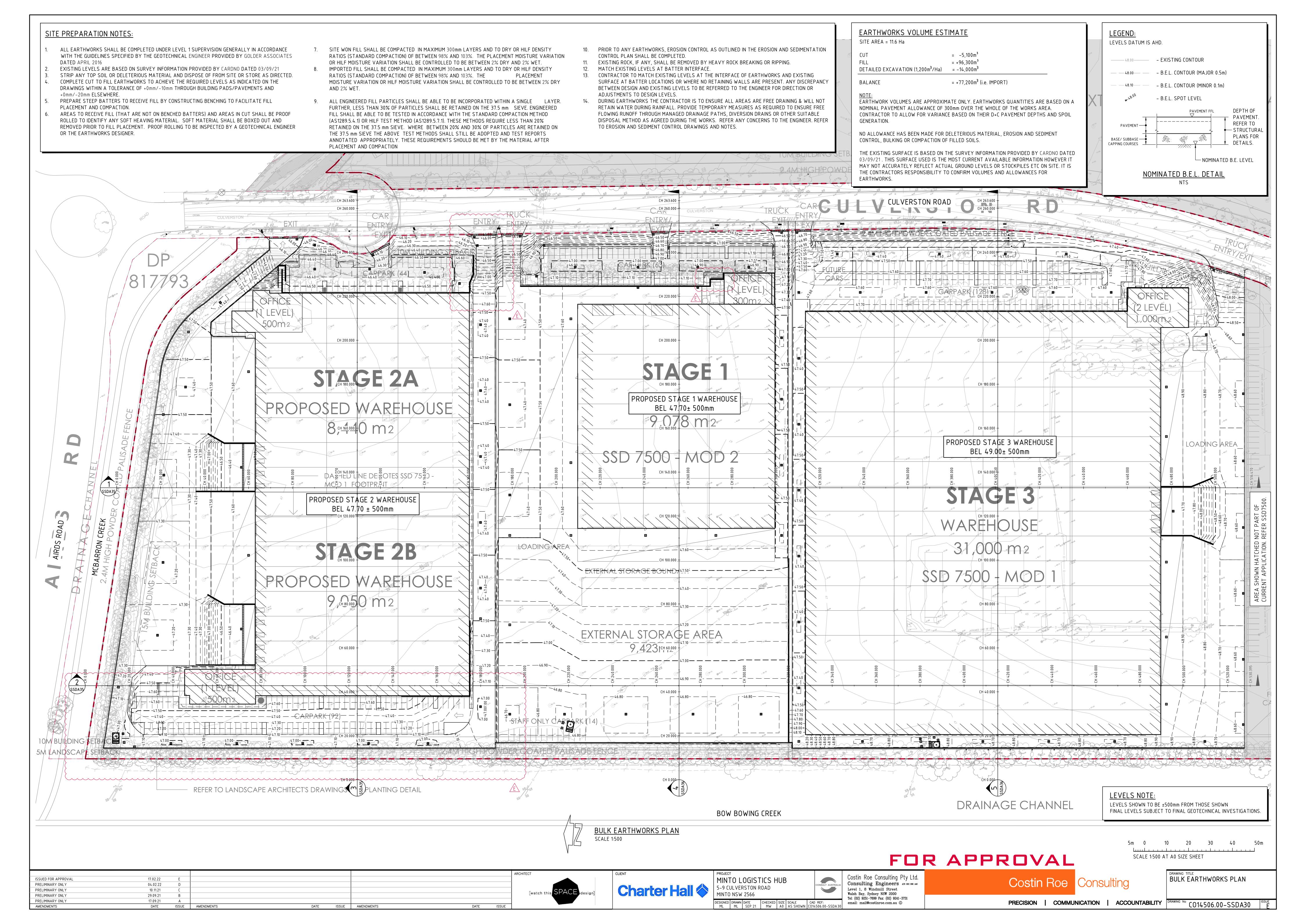
0.85

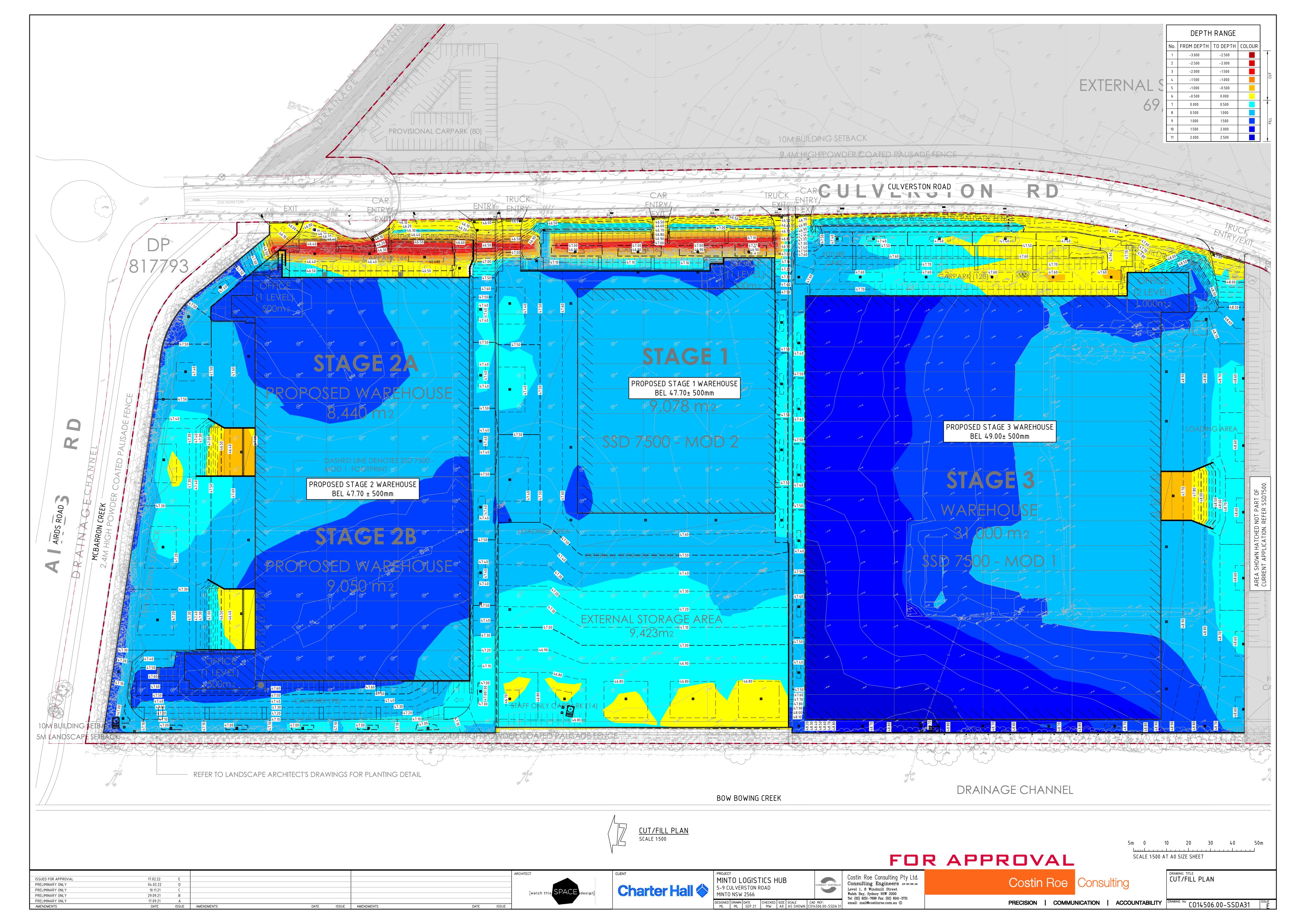


| 2m 0 | 5 | 10 1 | 5 20 | 25m |
|---|---------------|------------|-------|---------|
| | | . 1 | | 1 |
| <u> </u> | | | | |
| SCALE 1 | :250 AT A0 S | SIZE SHEET | | |
| | | | | |
| 500mm 0 | 1 | 2 | 3 4 | 5m |
| luud i | | | 1 1 . | 1 |
| SCALE 1 | :50 AT A0 SI | 7F CHFFT | | |
| SCALL | 15 OA I A OC. | ZL SHLLH | | |
| 200mm 0 | 500 | 1000 | 1500 | 2000m |
| | 200 | 1000 | 1500 | 2000111 |
| ا السلسل | | | | |
| SCALE 1 | :20 AT A0 SI | 7F SHFFT | | |
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| PROJECT MINTO LOGISTICS HUB | Costin Roe Consulting Pty Ltd. | Coatin Doo |







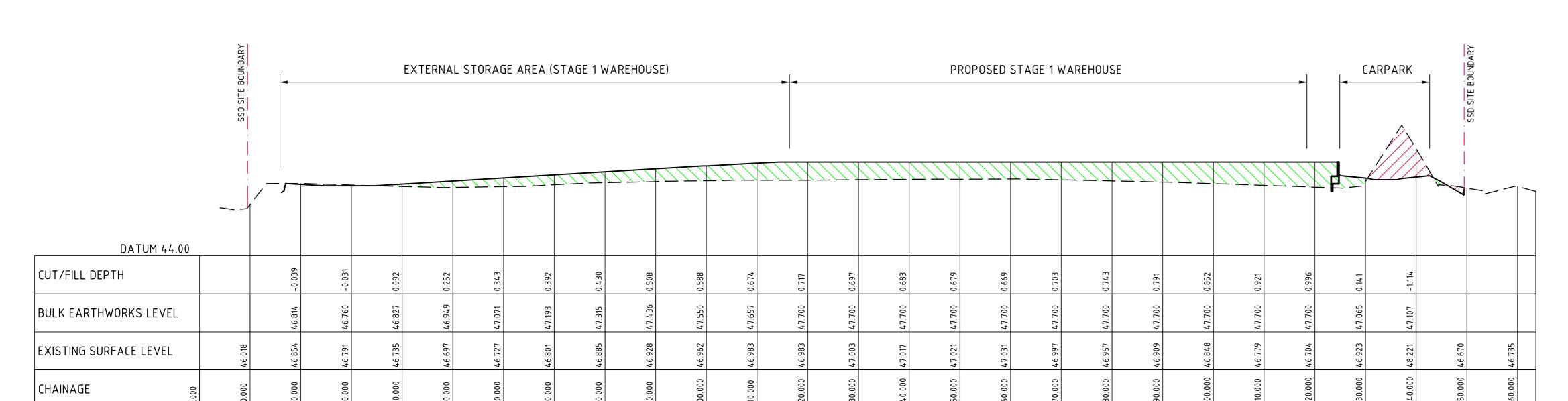
<u>LEGEND:</u>

- DENOTES BULK EARTHWORKS PROFILE

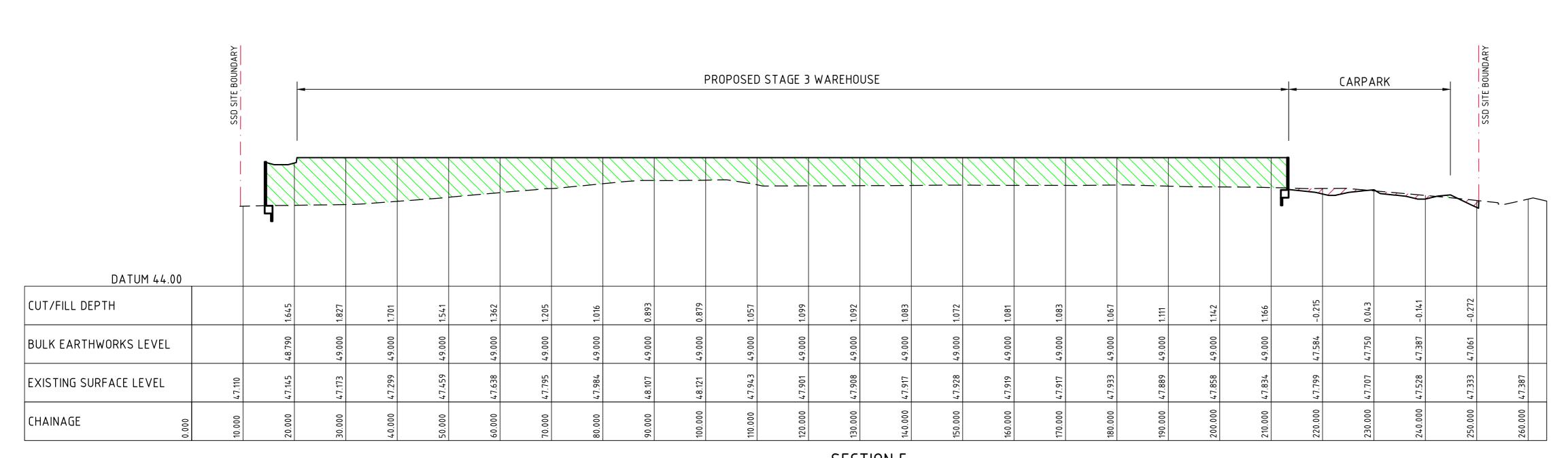
— — — - DENOTES EXISTING PROFILE

- DENOTES AREA IN CUT

- DENOTES AREA IN FILL



SECTION 4 HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100



SECTION 5 HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100

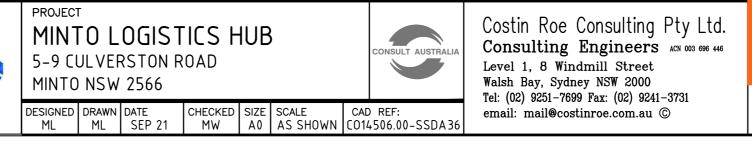
FOR APPROVAL

SCALE 1:500 AT A0 SIZE SHEET 1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A0 SIZE SHEET

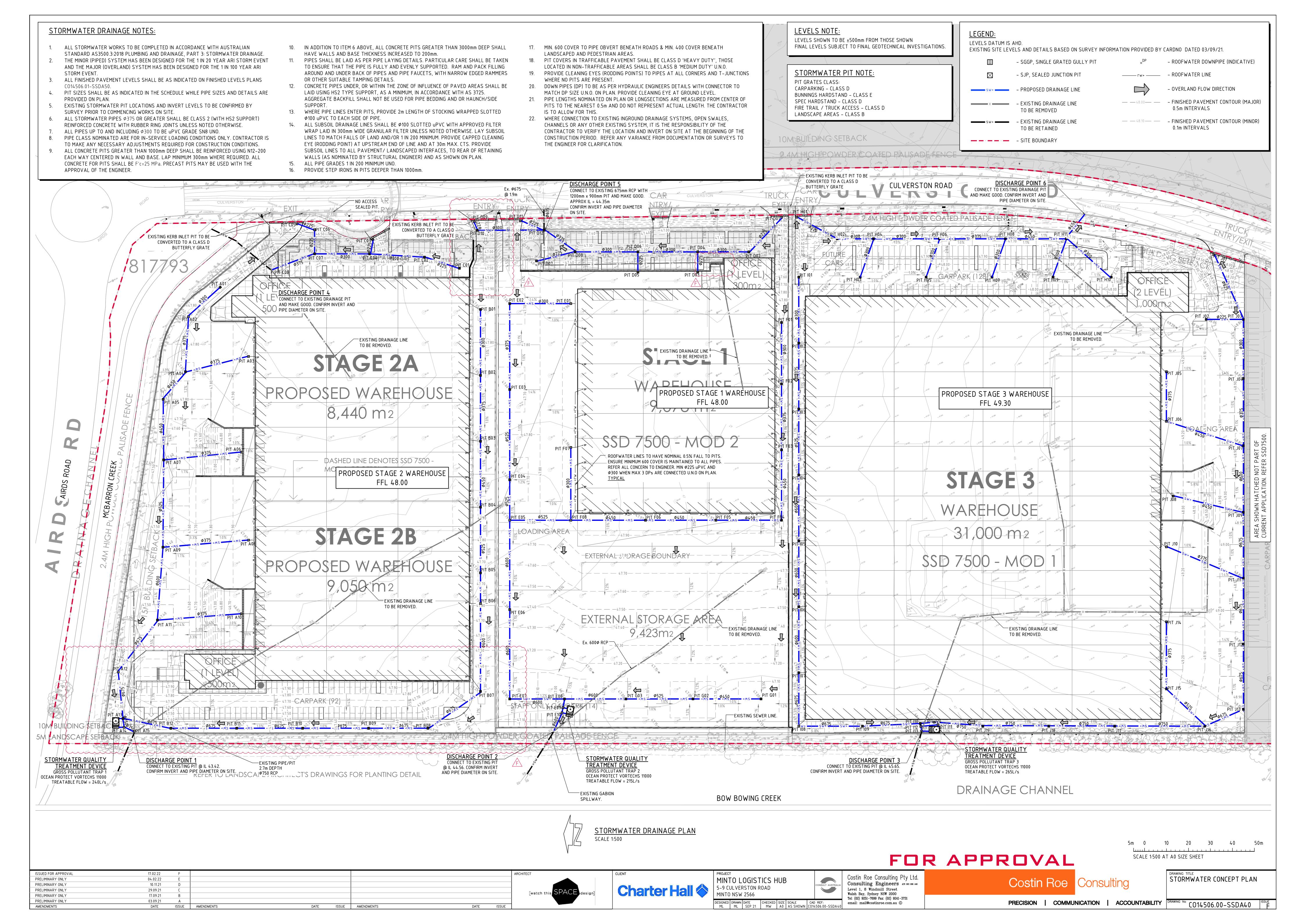
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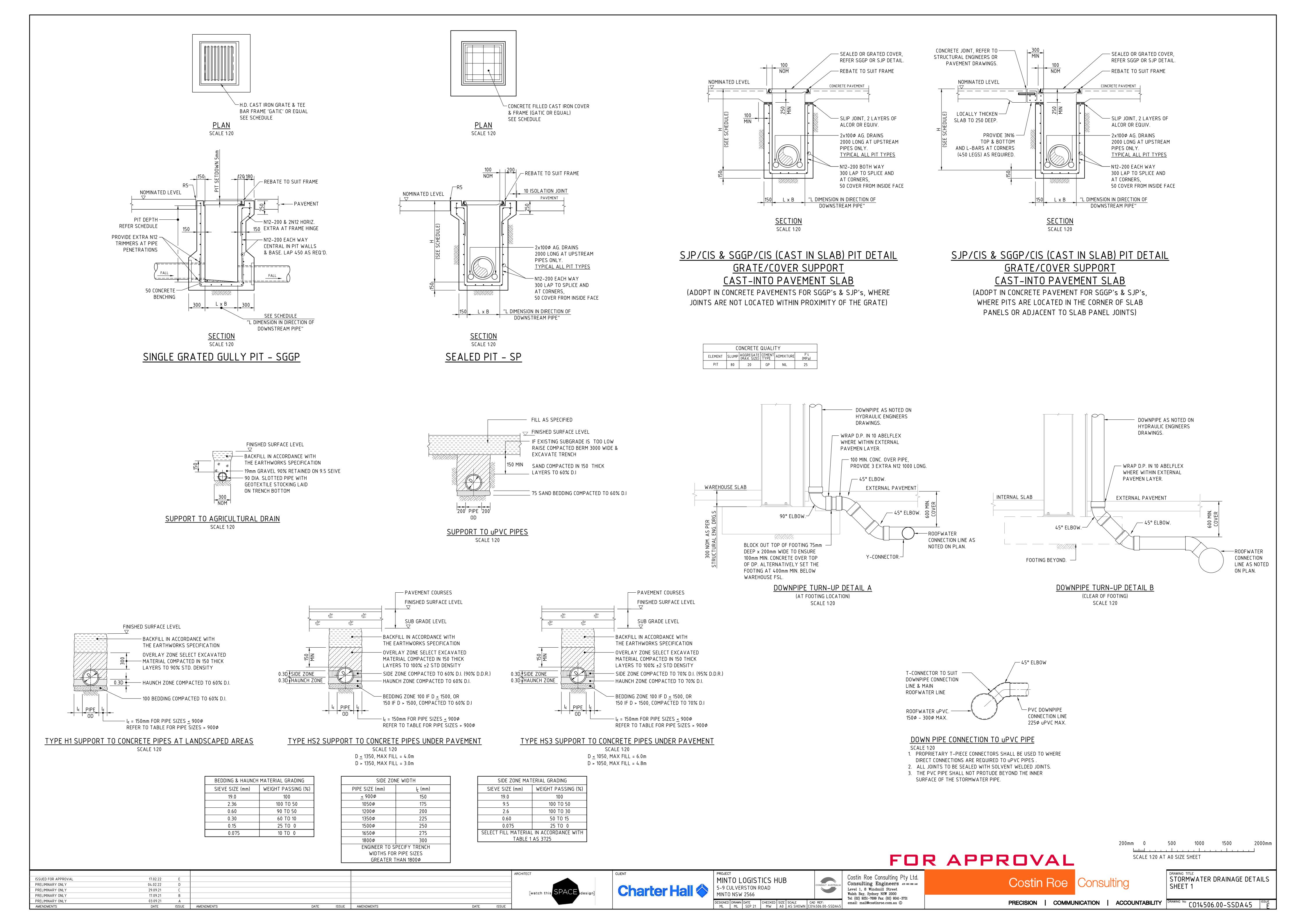


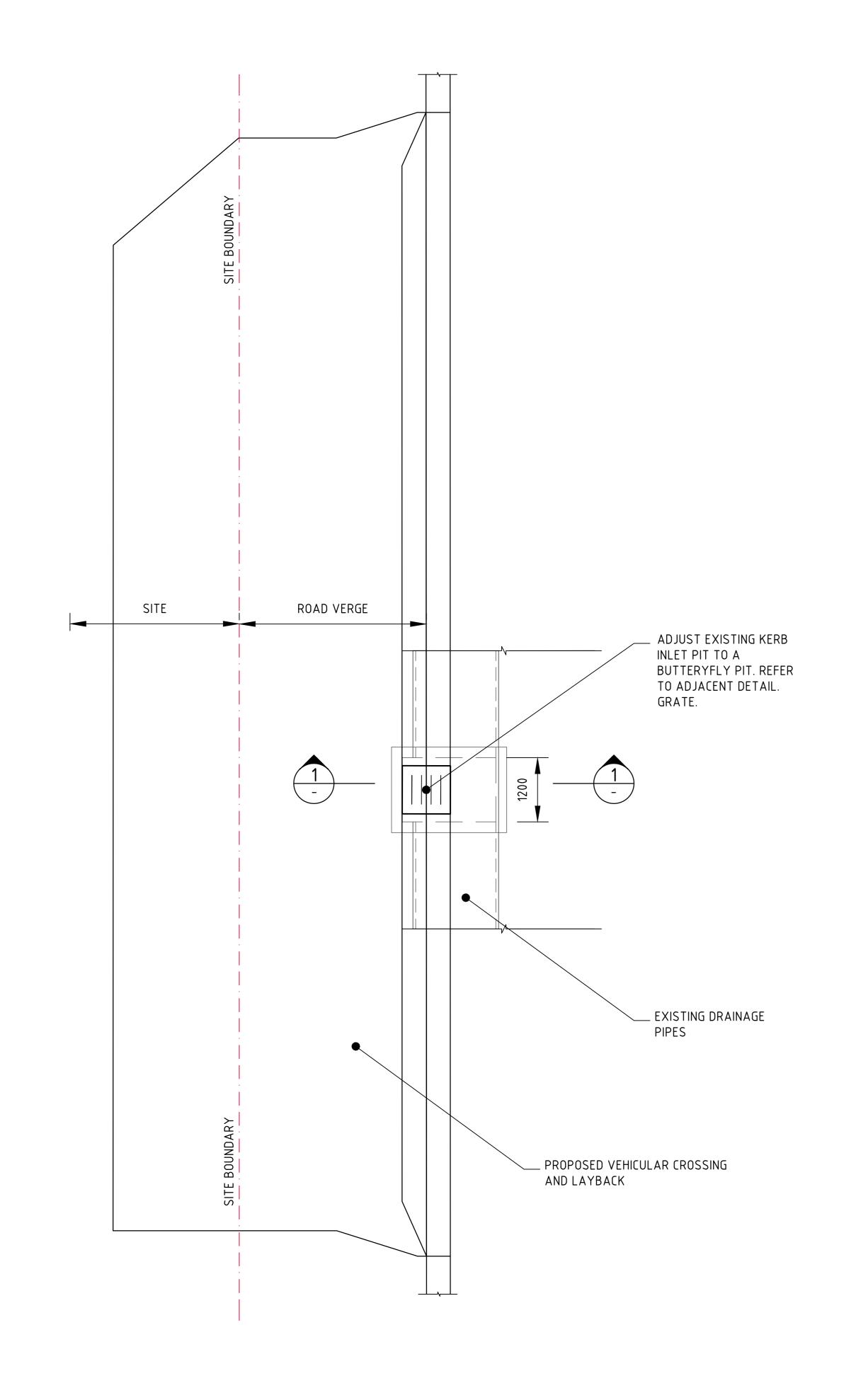


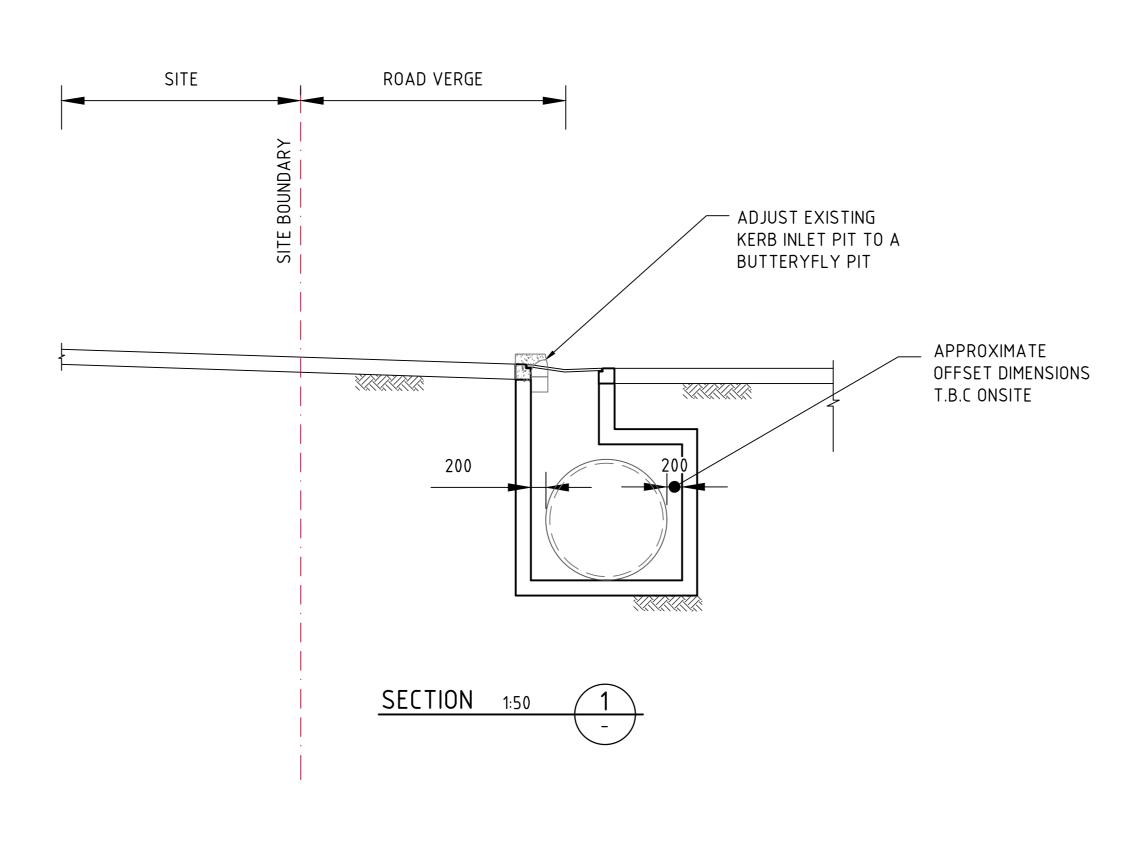


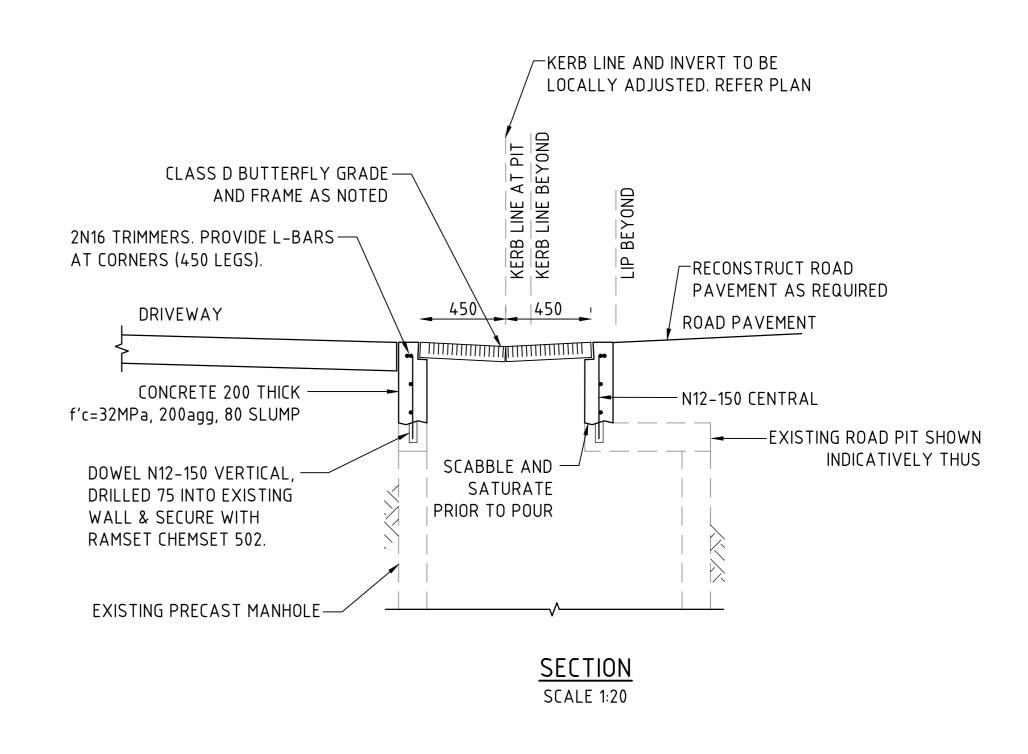












NEW BUTTERFLY GRATED PIT SCALE 1:50



MINTO LOGISTICS HUB

5-9 CULVERSTON ROAD

MINTO NSW 2566

DESIGNED ML DRAWN ML SEP 21 MW A0 AS SHOWN CO14506.00-SSDA46

Costin Roe Consulting Pty Ltd.

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Costin Roe Consulting

STORMWATER DRAINAGE DETAILS
SHEET 2

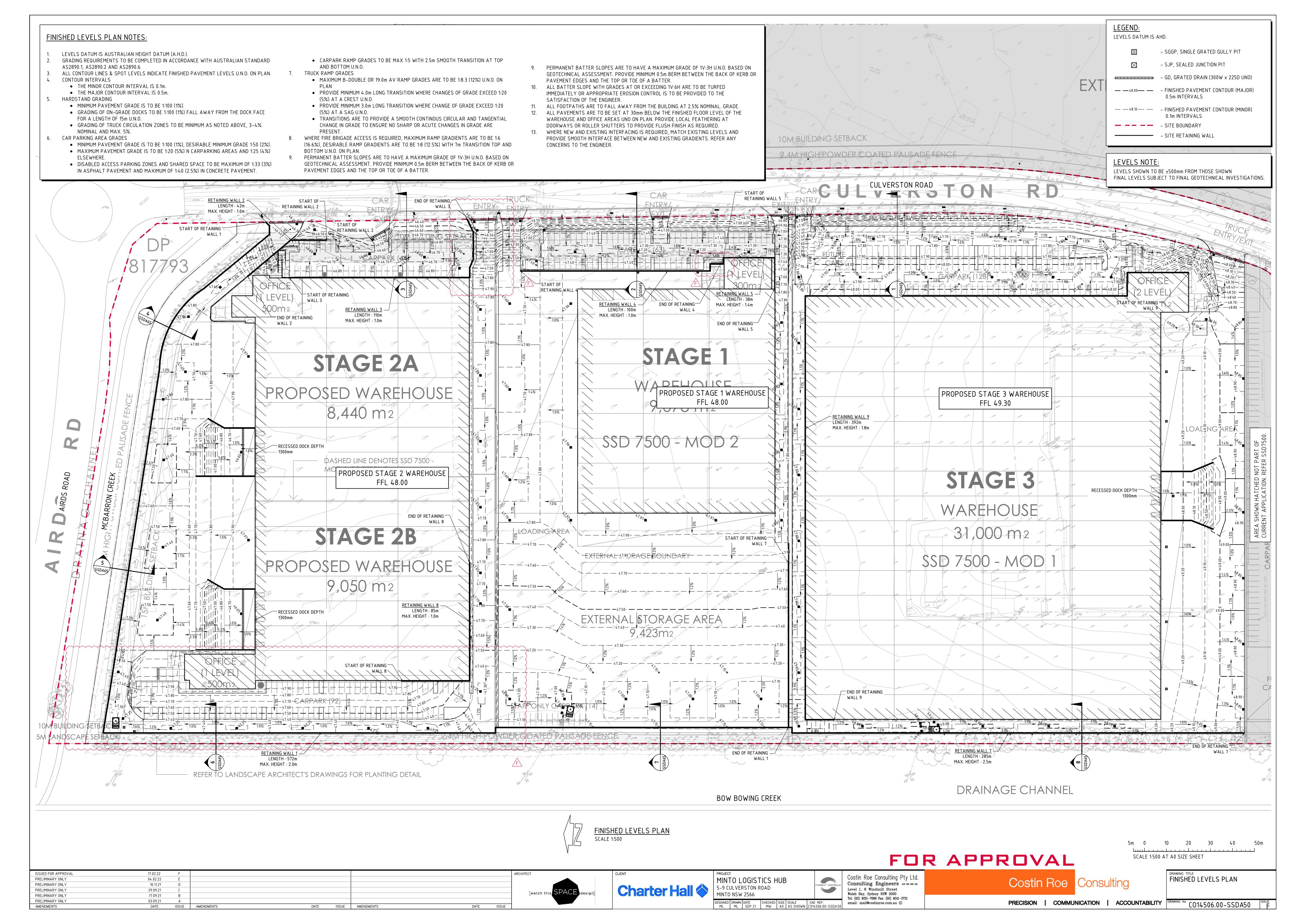
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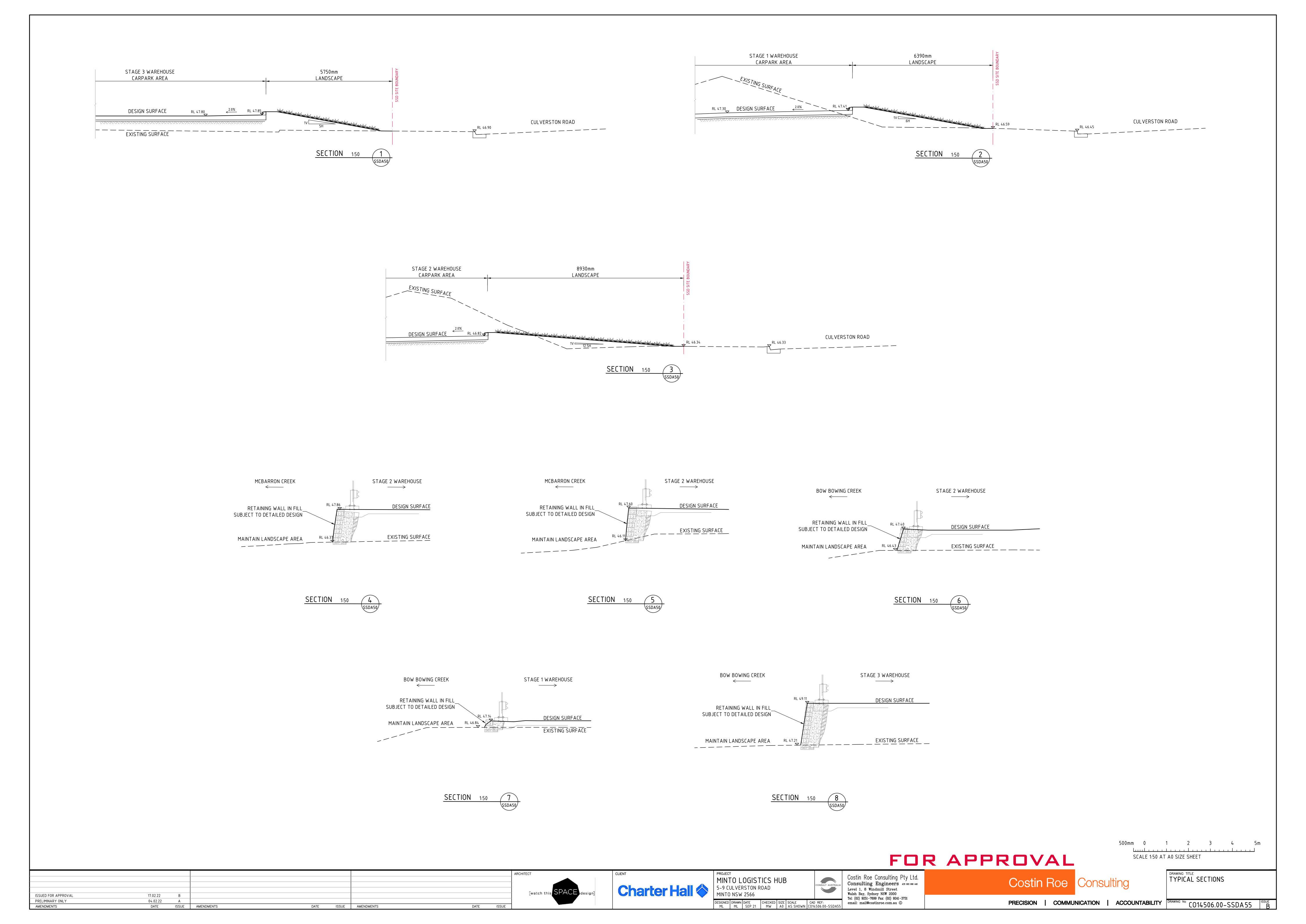
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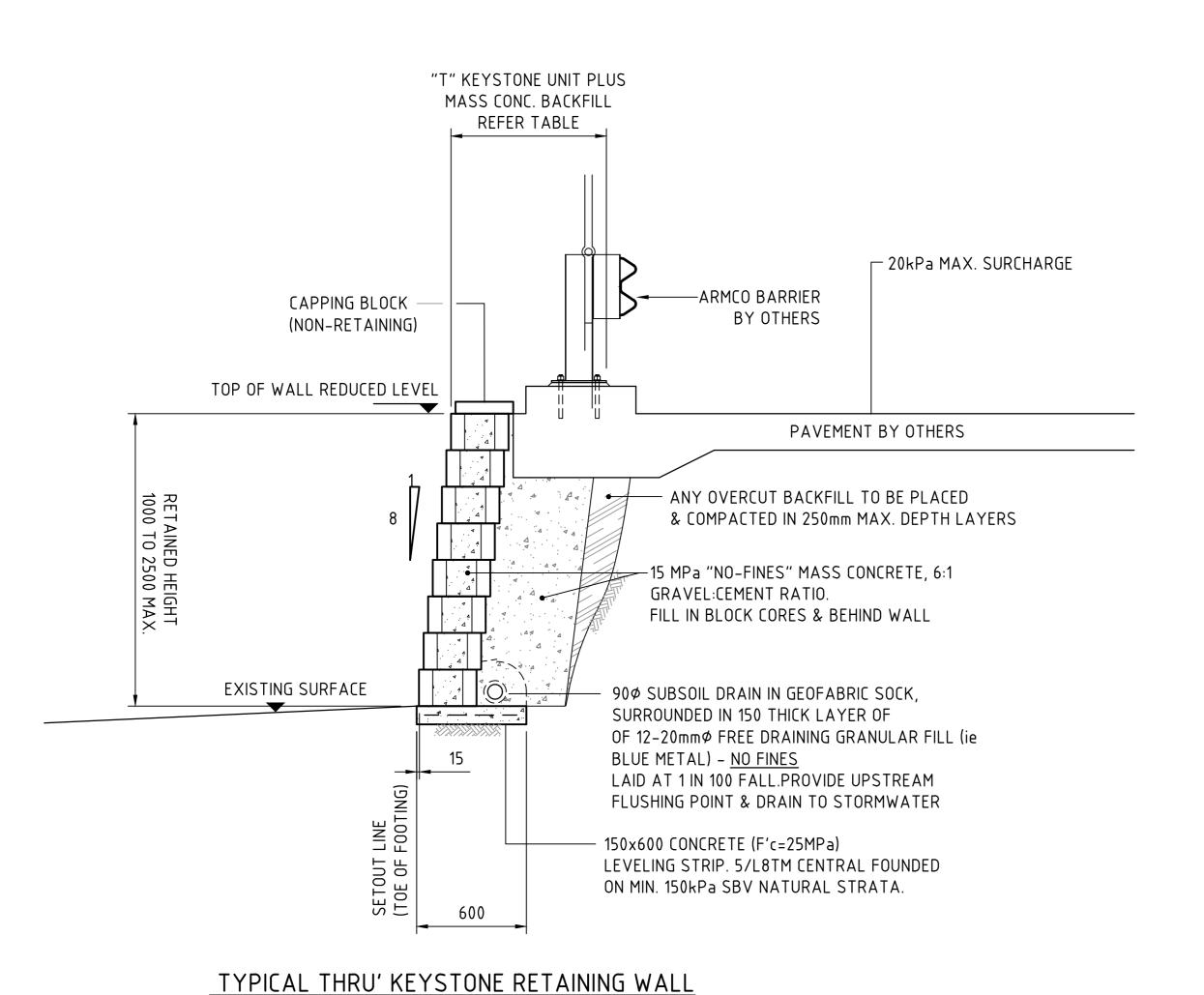
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SCALE 1:20 AT A0 SIZE SHEET

SCALE 1:50 AT A0 SIZE SHEET



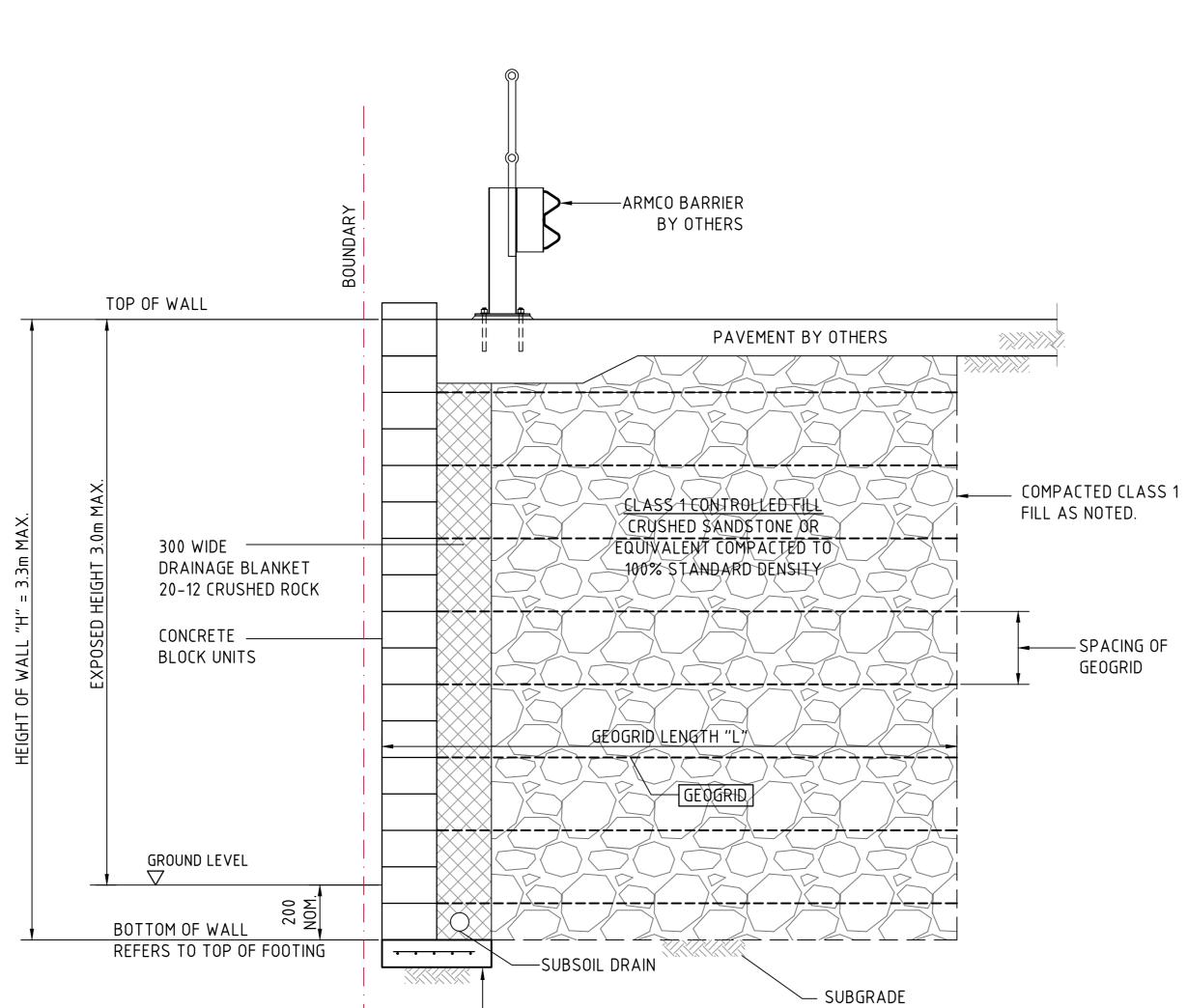




(1000 TO 2500 MAXIMUM RETAINED HEIGHT)

SCALE 1:20

KEYSTONE WALL SPECIFICATIONS : RETAINED OVERALLTHICKNESS HEIGHT UP TO 1000 DESIGN TO BE CONFIRMED 1000 TO 1200 /PROVIDED BY D+C 1200 TO 1800 1800 TO 2400 <u>CONTRACTOR</u> 2400 TO 2500



CONCRETE BLOCK REINFORCED EARTH WALL DETAIL SCALE 1:20

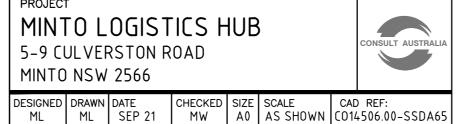
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RETAINING WALL DETAILS

Costin Roe Consulting

SCALE 1:20 AT A0 SIZE SHEET





RETAINING WALL NOTES:

REFERRED TO THEREIN.

5. ON PLAN:

a. H MAX. 2.0m = 100 kPa

b. H MAX. 3.5m = 150 kPa

c. H MAX. 5.0m = 200 kPa

a. LIVE LOAD = 20 kPa

b. DEAD LOAD = 5 kPa

NOTED OTHERWISE.

THESE NOTES.

REINFORCED EARTH RETAINING WALL

STRUCTURAL DESIGN TO D+C CONTRACTOR.

1. ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH AS4678 AND THE STANDARDS

BEFORE COMMENCEMENT OF CONSTRUCTION THE FOUNDATION SHALL BE INSPECTED AND

WHERE MINIMUM BEARING IS NOT ACHIEVABLE OR NOT MEETING DESIGN REQUIREMENT, THE

FOUNDATION MATERIAL IS TO BE EXCAVATED AND REPLACED WITH APPROVED MATERIAL

PLACED IN ACCORDANCE WITH THE FILLING SPECIFICATION TO A MINIMUM COMPACTION OF

6. MINIMUM WALL EMBEDMENT AT THE TOE OF THE WALL TO BE 300mm MINIMUM UNLESS

8. TIED WALLS ARE TO BE TEMPORARILY PROPPED AT TOP UNTIL SUCH TIME THE TOP OF WALL IS TIED TO THE SLAB AND 28-DAY CONCRETE STRENGTH HAS BEEN ACHIEVED. 9. CONSTRUCTION EQUIPMENT WEIGHING MORE THAN 500KG STATIC WEIGHT IS TO BE KEPT

10. ALL DESIGN AND CONSTRUCT WALL SYSTEM TO BE COMPLETED IN ACCORDANCE WITH

BACK 1.5m FROM THE REAR FACE OF THE WALL FACING UNITS. COMPACTION OF THE SELECT

LIGHT MECHANICAL TAMPERS (VIBRATING PLATE, TRENCH COMPACTOR OR SIMILAR) TO GIVE

FILL MATERIAL WITHIN THE 1.5m STRIP ADJACENT TO THE WALL SHALL BE ACHIEVED BY

MINIMUM BEARING CAPACITY OF FOUNDATION TO BE AS FOLLOWS:

MINIMUM SURCHARGE LOADS TO BE APPLIED AS FOLLOWS U.N.O.

THE SAME DENSITY AS IN THE REMAINDER OF THE SELECT FILL.

VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER.

c. CONSTRUCTION TRAFFIC LIVE LOAD = 10 kPa

DESIGN LIFE OF STRUCTURE IS TO BE 100 YEARS.

100% SMDD AND PLACED WITHIN 2% OF OMC.