HORSLEY LOGISTICS PARK STAGE 2 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175 STATE SIGNIFICANT DEVELOPMENT APPLICATION

DRAWING LIST

DRAWING NO. DRAWING TITLE

CO12990.17-SSDA100 DRAWING LIST & GENERAL NOTES

CO12990.17-SSDA150 EXISTING SERVICES PLAN

CO12990.17-SSDA200 EROSION & SEDIMENT CONTROL PLAN

CO12990.17-SSDA251 EROSION & SEDIMENT CONTROL DETAILS - SHEET 1

CO12990.17-SSDA252 EROSION & SEDIMENT CONTROL DETAILS - SHEET 2

CO12990.17-SSDA300 BULK EARTHWORKS PLAN

CO12990.17-SSDA310 CUT/FILL PLAN

CO12990.17-SSDA351 BULK EARTHWORKS SECTIONS - SHEET 1

CO12990.17-SSDA352 BULK EARTHWORKS SECTIONS - SHEET 2

CO12990.17-SSDA353 BULK EARTHWORKS SECTIONS - SHEET 3

CO12990.17-SSDA400 STORMWATER DRAINAGE KEY PLAN

CO12990.17-SSDA401 STORMWATER DRAINAGE PLAN-SHEET1

CO12990.17-SSDA402 STORMWATER DRAINAGE PLAN-SHEET2

CO12990.17-SSDA410 STORMWATER CATCHMENTS PLAN - MUSIC

CO12990.17-SSDA450 STORMWATER DRAINAGE DETAILS - SHEET 1

CO12990.17-SSDA451 STORMWATER DRAINAGE DETAILS - SHEET 2

CO12990.17-SSDA465 OSD TANK WATER DETAILS-SHEET1

CO12990.17-SSDA466 OSD TANK WATER DETAILS-SHEET2

CO12990.17-SSDA467 OSD TANK WATER DETAILS-SHEET3

CO12990.17-SSDA468 OSD TANK WATER DETAILS-SHEET4

CO12990.17-SSDA500 FINISHED LEVELS KEY PLAN

CO12990.17-SSDA501 FINISHED LEVELS PLAN-SHEET1

CO12990.17-SSDA502 FINISHED LEVELS PLAN-SHEET2

CO12990.17-SSDA551 TYPICAL SECTIONS-SHEET 1

CO12990.17-SSDA552 TYPICAL SECTIONS-SHEET 2

CO12990.17-SSDA553 TYPICAL SECTIONS-SHEET 3

CO12990.17-SSDA554 TYPICAL SECTIONS-SHEET 4

CO12990.17-SSDA600 RETAINING WALL PLAN

CO12990.17-SSDA650 RETAINING WALL SECTIONS - SHEET 1

CO12990.17-SSDA651 RETAINING WALL SECTIONS - SHEET 2

CO12990.17-SSDA652 RETAINING WALL SECTIONS - SHEET 3

CO12990.17-SSDA653 RETAINING WALL SECTIONS - SHEET 4

ARCHITECT

GENERAL NOTES:

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- 2. 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
- 3. ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE.
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- THE CONTRACTOR IS REQUIRED TO HIGHLIGHT ANY DISCREPANCIES BETWEEN THE DIGITAL TERRAIN MODEL AND INFORMATION PROVIDED IN THE CONTRACT AND/OR DRAWINGS AND IS REQUIRED TO SEEK CLARIFICATION FROM THE SUPERINTENDENT.
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16.07.24

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PROPOSED DEVELOPMENT
3 JOHNSTON CRESCENT, HORSLEY PARK,
NSW, 2175

NSW, 2175

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF: C012990.17-SSDA100



CRC COSTIN ROE CONSULTING

CIVIL &
STRUCTURAL
ENGINEERS

DRAWING LIST & GENERAL NOTES

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CO12990.17-SSDA300 BULK EARTHWORKS PLAN

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CO12990.17-SSDA410 STORMWATER CATCHMENTS PLAN - MUSIC

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CO12990.17-SSDA465 OSD TANK WATER DETAILS-SHEET1

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CO12990.17-SSDA467 OSD TANK WATER DETAILS-SHEET3

CO12990.17-SSDA468 OSD TANK WATER DETAILS-SHEET4

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CO12990.17-SSDA501 FINISHED LEVELS PLAN-SHEET1

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CO12990.17-SSDA551 TYPICAL SECTIONS-SHEET 1

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CO12990.17-SSDA554 TYPICAL SECTIONS-SHEET 4

CO12990.17-SSDA600 RETAINING WALL PLAN

CO12990.17-SSDA650 RETAINING WALL SECTIONS - SHEET 1

CO12990.17-SSDA651 RETAINING WALL SECTIONS - SHEET 2

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CO12990.17-SSDA653 RETAINING WALL SECTIONS - SHEET 4

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NSW, 2175

NSW, 2175

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF: C012990.17-SSDA100



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CIVIL &
STRUCTURAL
ENGINEERS

DRAWING LIST & GENERAL NOTES



SCALE 1:750 AT A1 SIZE SHEET

ELECTRICITY (OVERHEAD)

- COMMUNICATIONS (DETECTED

COMMUNICATIONS (DBYD)

ELECTRICITY (U'GROUND) (DBYD)

- EXISTING LIGHT POLE (DETECTED)

- EXISTING SUBSTATION (DETECTED)

- WATER (DBYD)

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DATE ISSUE



PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK,

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA150



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ABN 50 003 696 446

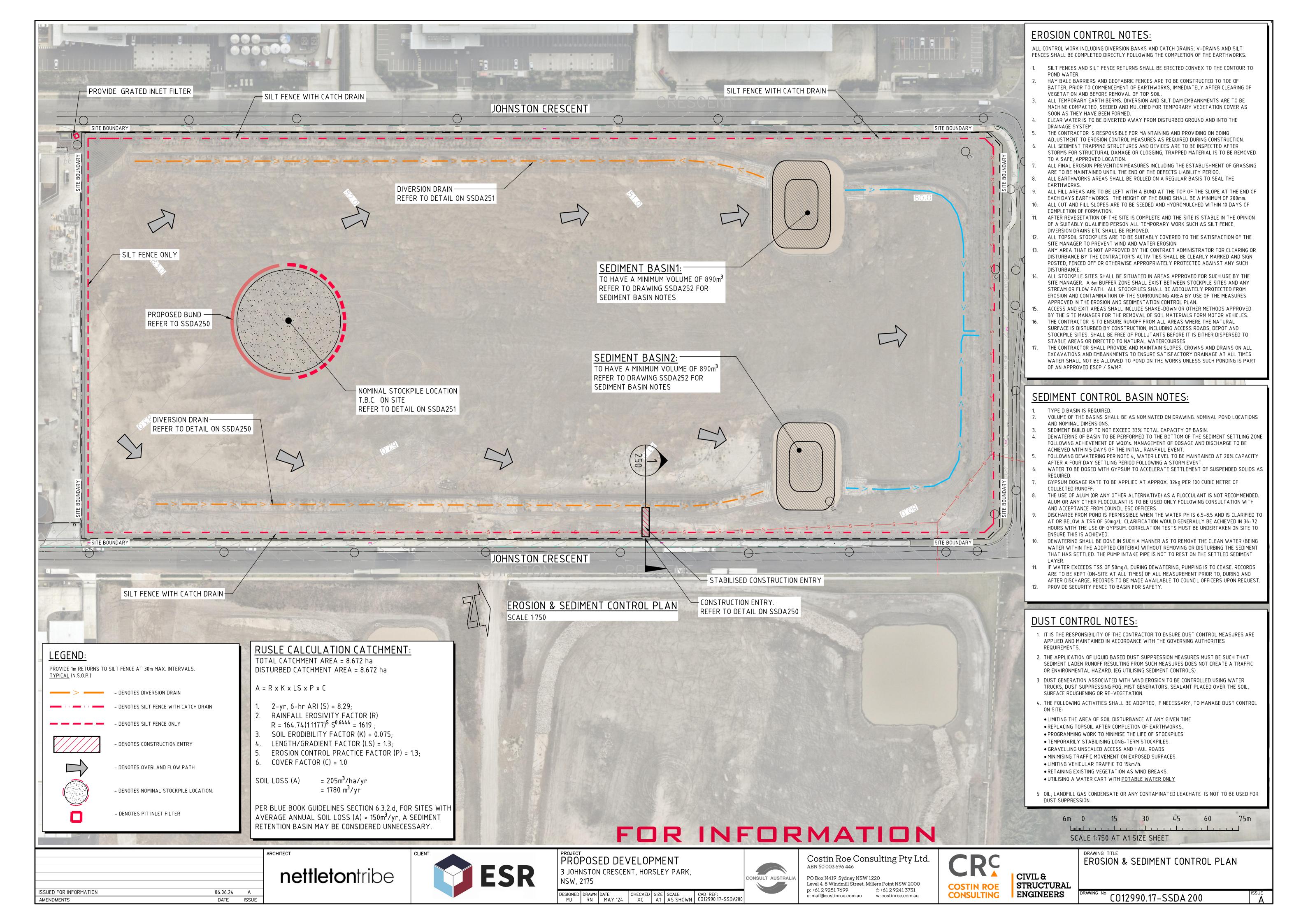
PO Box N419 Sydney NSW 1220 Level 4, 8 Windmill Street, Millers Point NSW 2000 p: +61 2 9251 7699 f: +61 2 9241 3731 e: mail@costinroe.com.au w: costinroe.com.au

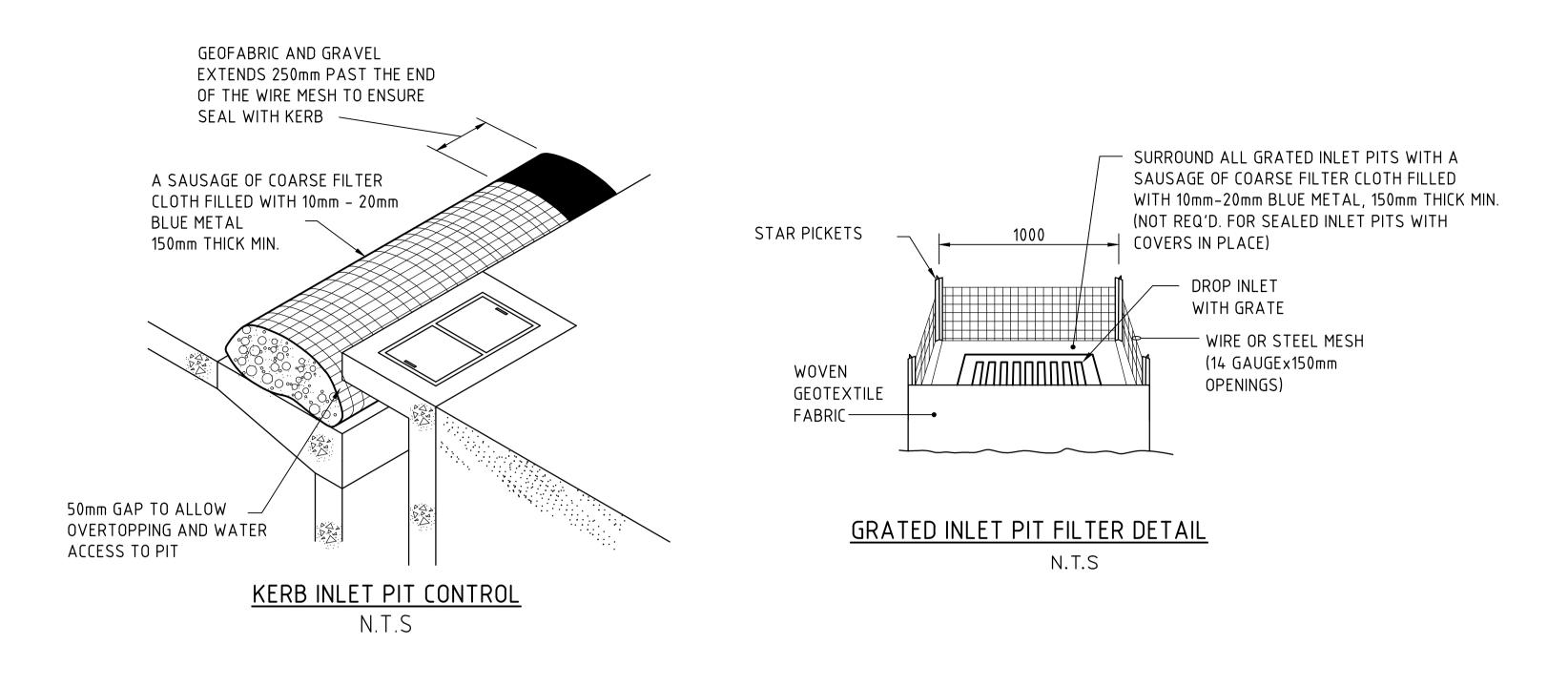


CIVIL & STRUCTURAL

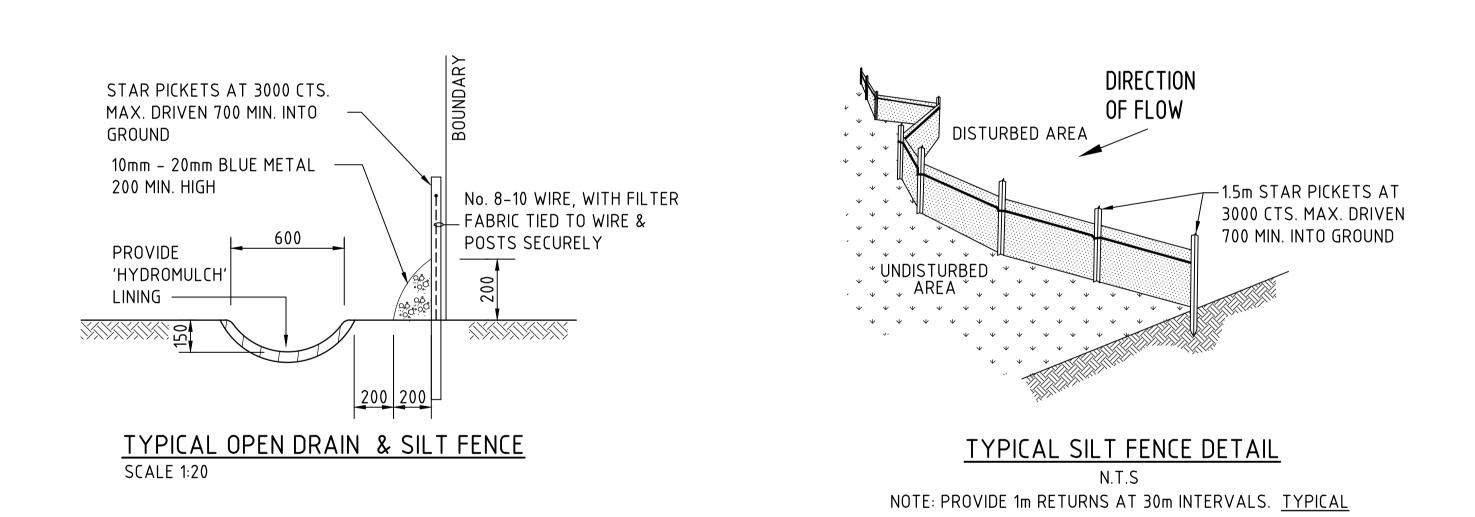
ENGINEERS

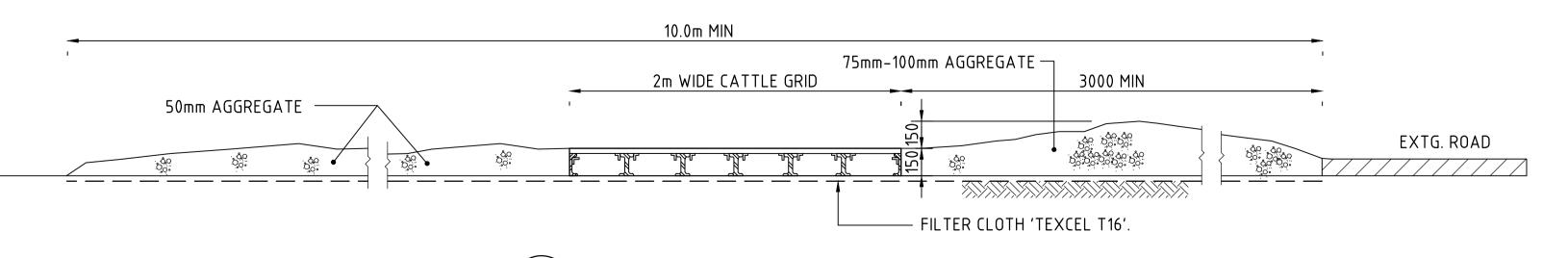
DRAWING TITLE **EXISTING SERVICES PLAN**





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





: STABILISED CONSTRUCTION ENTRANCE 'TRUCK SHAKER' SECTION 1:20

FOR INFORMATION

Costin Roe Consulting Pty Ltd.

CIVIL &

EROSION & SEDIMENT CONTROL PLAN SHEET 1

SCALE 1:750 AT A1 SIZE SHEET

5m MIN. TO

— SILT FENCE ONLY AS DETAILED.

I EXISTING VEGETATION

STABILISED

TYPICAL STOCKPILE DETAIL

1. PLACE ALL STOCKPILES IN LOCATIONS MORE THAN 5m FROM EXISTING

2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT ELONGATED MOUNDS.

3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE

4. WHERE STOCKPILES ARE TO BE IN PLACE FOR MORE THAN 10 DAYS,

5. CONSTRUCT SILT FENCE WITH CATCH DRAIN ON UPSLOPE SIDE TO DIVERT

WATER AROUND STOCKPILES & SILT FENCE ONLY 1 TO 2m DOWNSLOPE AS SHOWN.

STABILISE USING WOOD CHIP MULCH - 16 TONNE/Ha.

MAX. WATER LEVEL

1000

DIVERSION DRAIN SECTION

SILT FENCE WITH CATCH DRAIN

AS DETAILED.

SIDE SLOPE -1 V : 2 H (MAX).

STOCKPILE NOTES

LESS THAN 2m IN HEIGHT.

VEGETATION, ROADS & HAZARD AREAS.

SIDE SLOPE TO BE 1 V: 2 H MAX.

STOCKPILE SURFACE

-DIVERSION CHANNEL CAPACITY $Q_2 = 210 \text{ l/s } (A=4.33\text{Ha MAX.})$

MANNINGS n=0.04, MIN. SLOPE = 0.5%

SPECIFICATION.

CHANNEL CAPACITY (d=250mm) = 217 l/s + 20% FREEBOARD

VELOCITY = 0.451 m/s THEREFORE SCOUR PROTECTION IS REQ'D.

TEMPORARILY PROTECT THE SWALE FROM EROSION

INSTALLED IN ACCORDANCE WITH MANUFACTURERS

OF BIODEGRADABLE JUTE OPEN WEAVE MESH

DURING CONSTRUCTION. INSTALL A 3000 WIDE SECTION

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRAL

ABN 50 003 696 446 PO Box N419 Sydney NSW 1220 f: +61 2 9241 3731

CO12990.17-SSDA 251

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA251

DIRECTION

OF FLOW

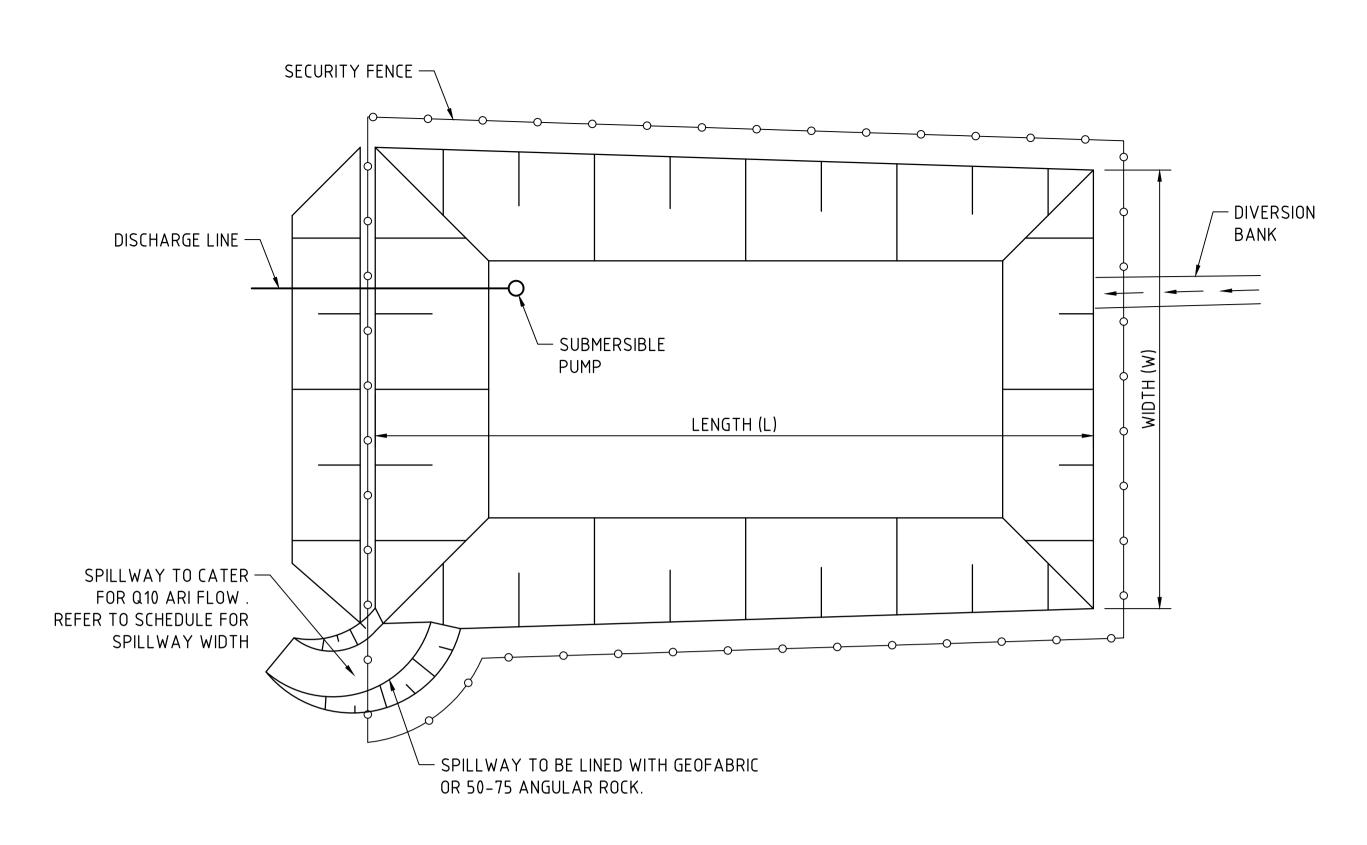
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OF FLOW

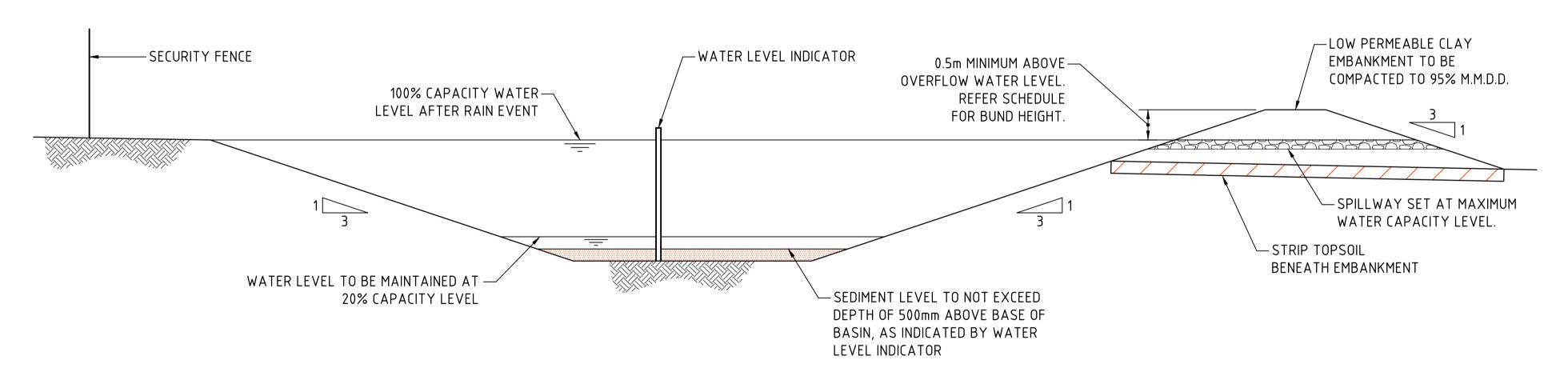
Level 4, 8 Windmill Street, Millers Point NSW 2000 p: +61 2 9251 7699 e: mail@costinroe.com.au w: costinroe.com.au

STRUCTURAL **ENGINEERS** CONSULTING

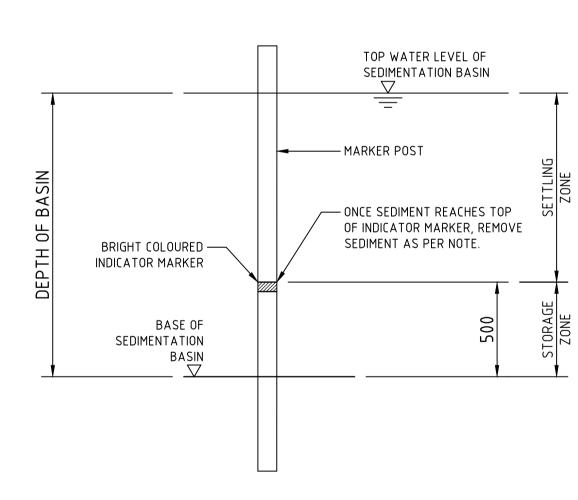




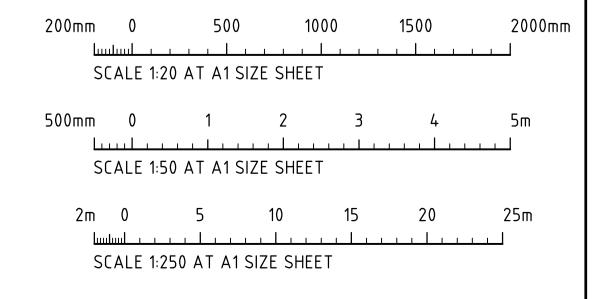
TYPICAL SEDIMENT CONTROL POND PLAN SCALE 1:250



TYPICAL SEDIMENT CONTROL BASIN SECTION SCALE 1:50



SEDIMENT STORAGE MARKER SCALE 1:20



FOR INFORMATION

ARCHITECT **nettleton**tribe ISSUED FOR INFORMATION 06.06.24 A

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CONSULT AUSTRALIA DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA252

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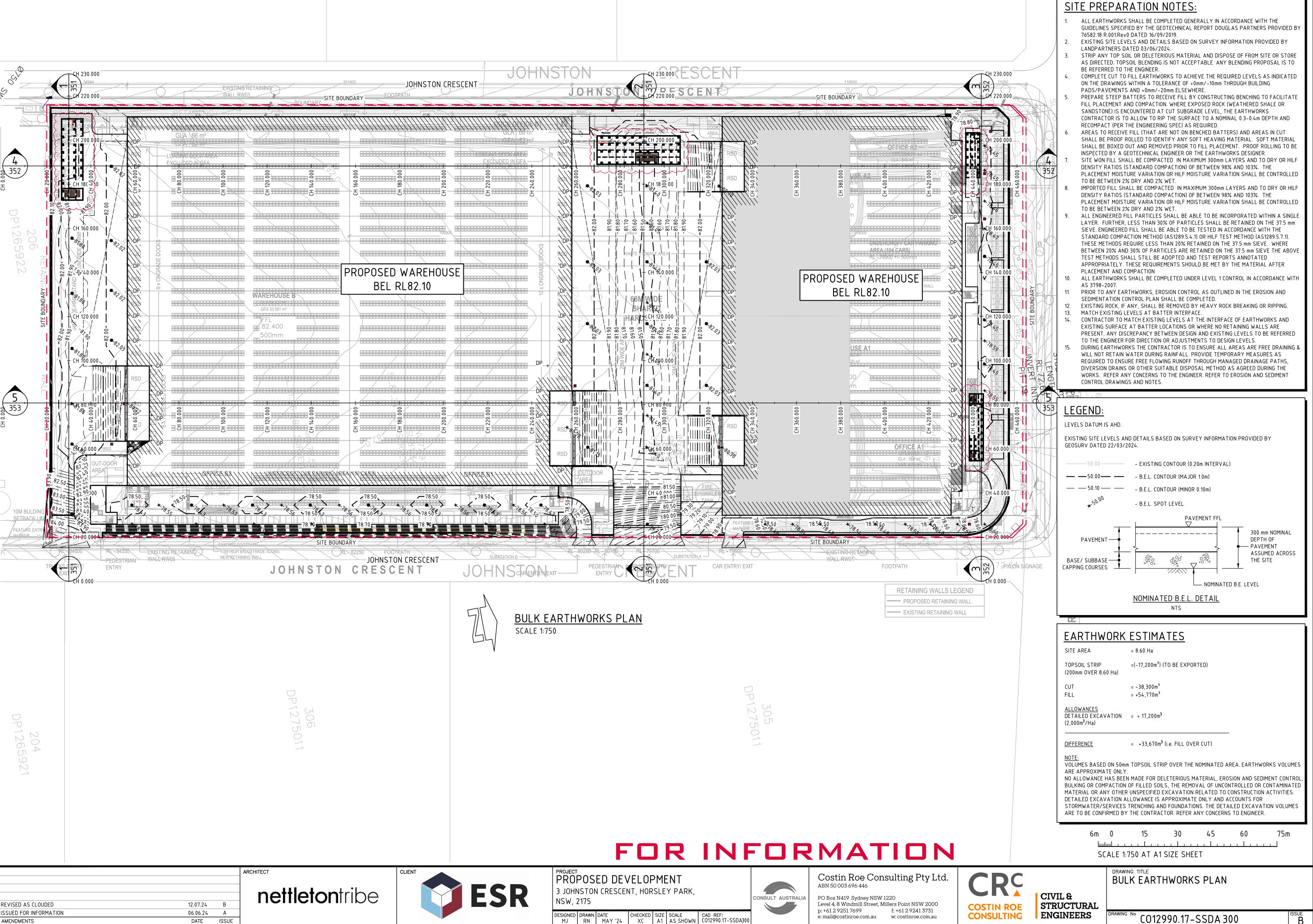
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CIVIL & STRUCTURAL **ENGINEERS**

DRAWING TITLE **EROSION & SEDIMENT DETAILS** SHEET 2

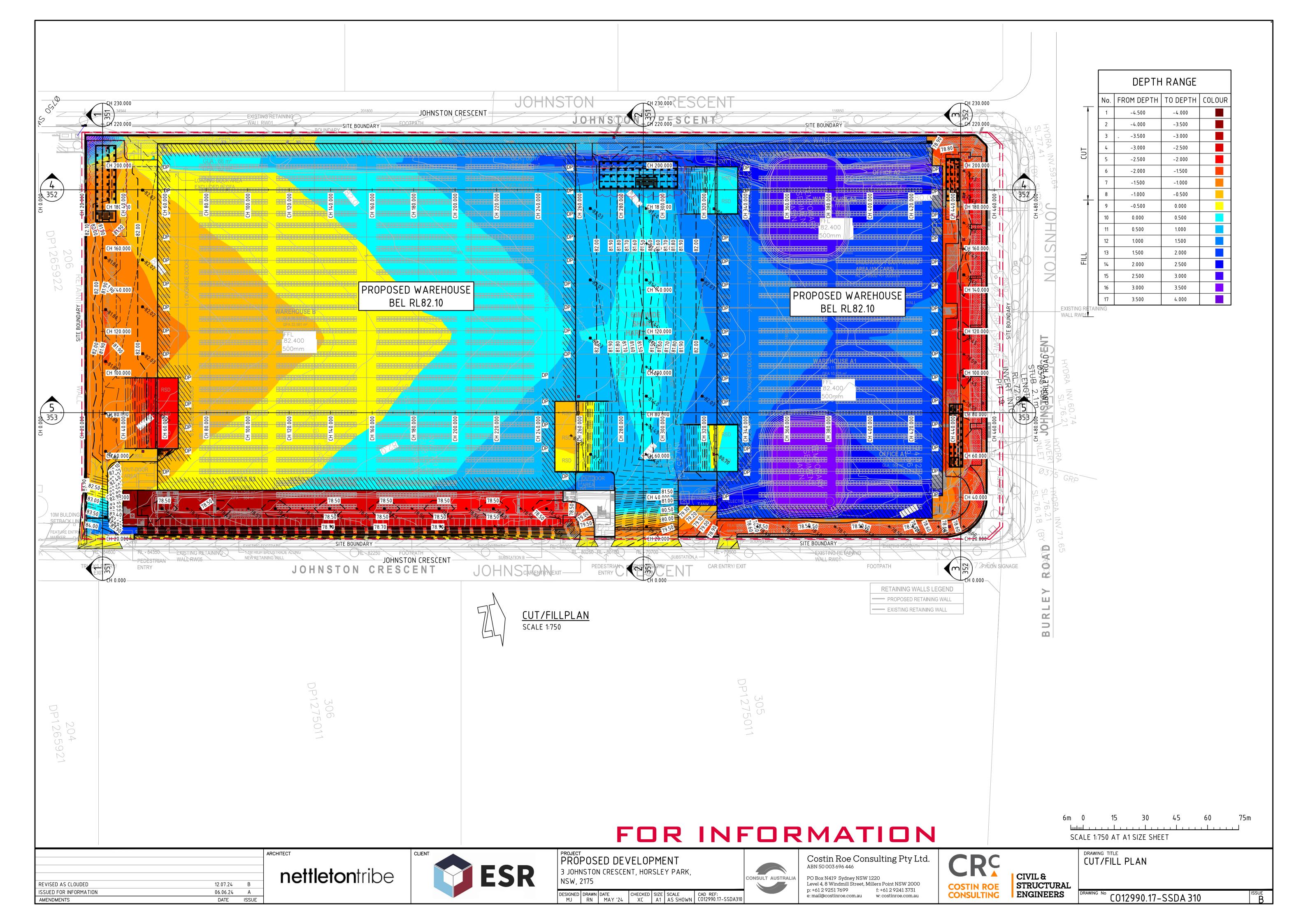
DRAWING No CO12990.17-SSDA 252

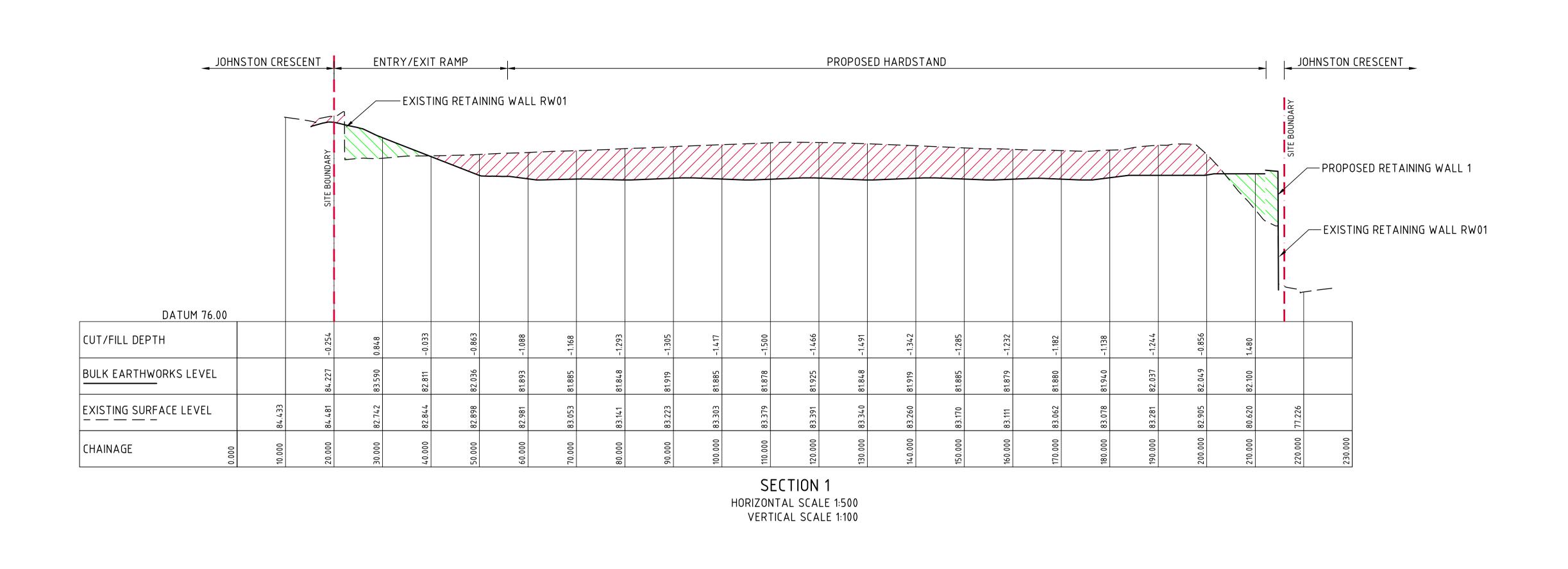


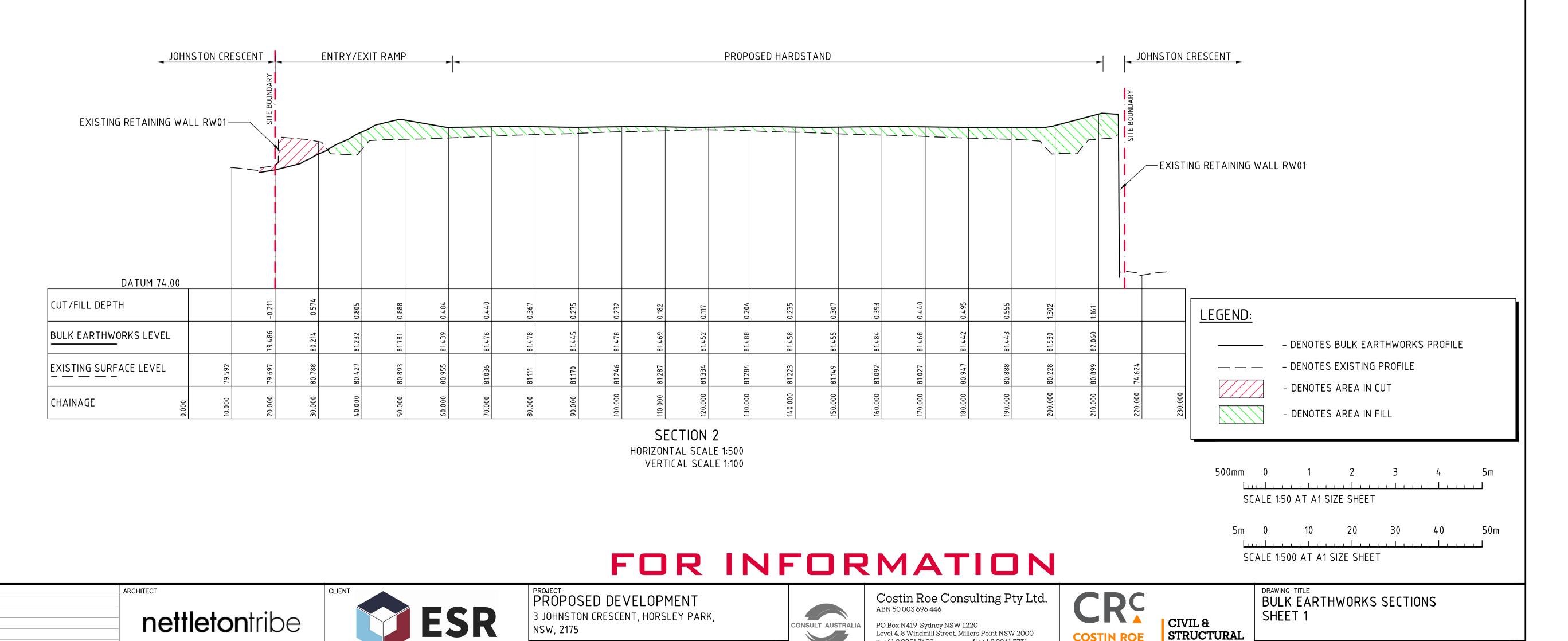
AMENDMENTS

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DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA351

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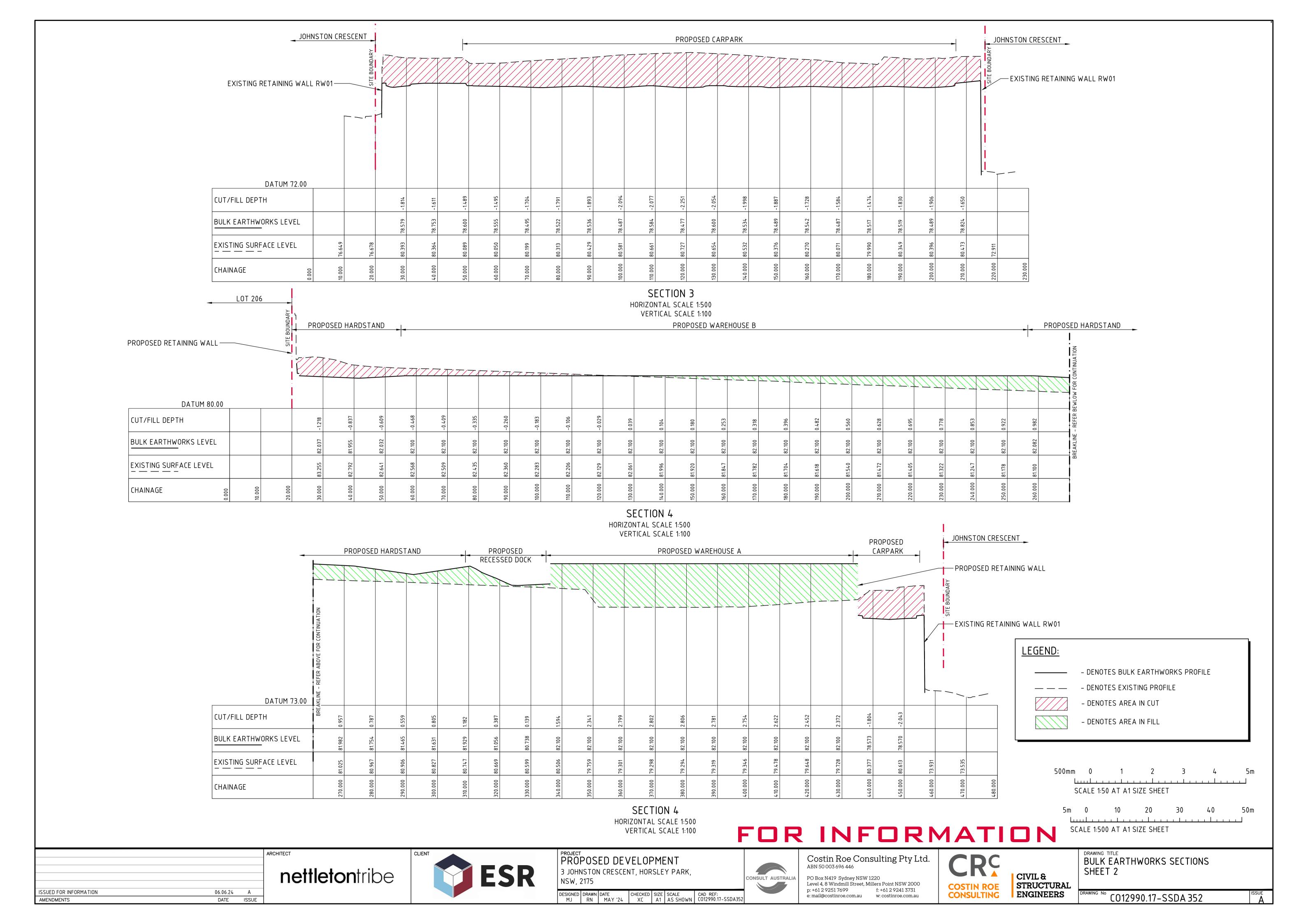
p: +61 2 9251 7699

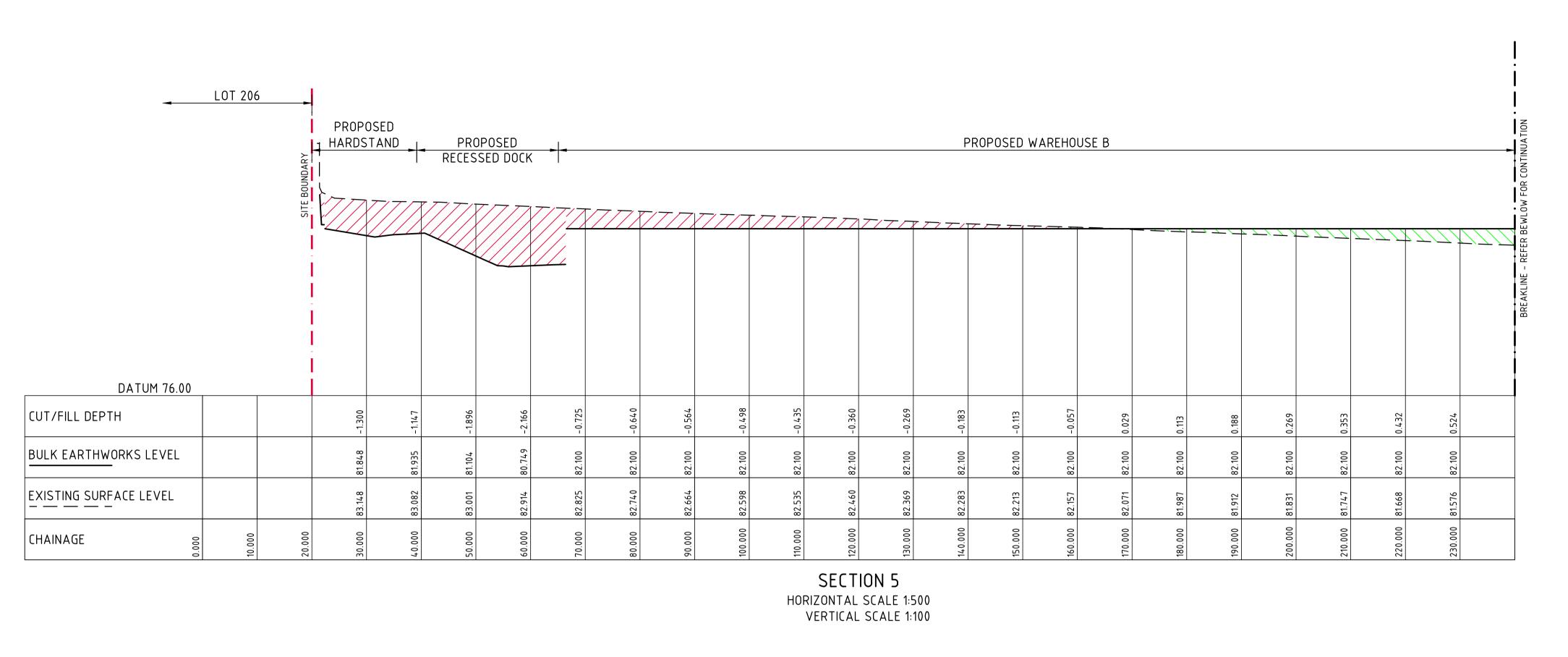
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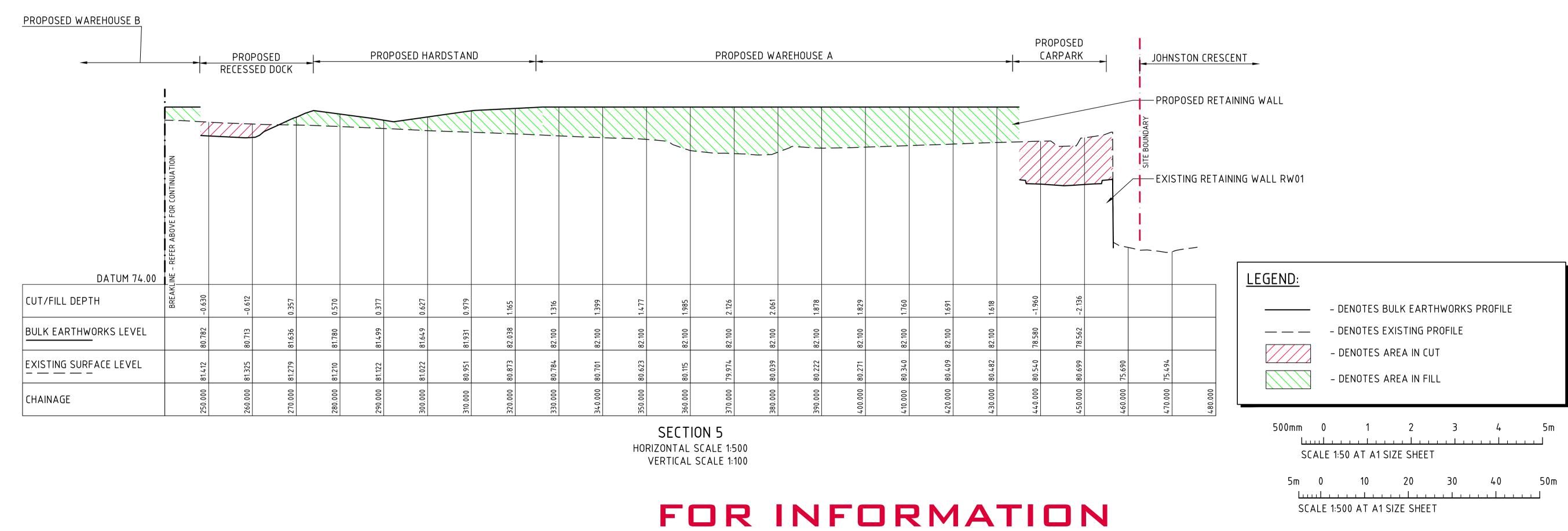
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DRAWING No CO12990.17-SSDA 351

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CONSULT AUSTRALIA

DRAWING TITLE

SHEET 3

CIVIL &

STRUCTURAL ENGINEERS

BULK EARTHWORKS SECTIONS

DRAWING No CO12990.17−SSDA 353

PROPOSED DEVELOPMENT

NSW, 2175

3 JOHNSTON CRESCENT, HORSLEY PARK,

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA353

ARCHITECT

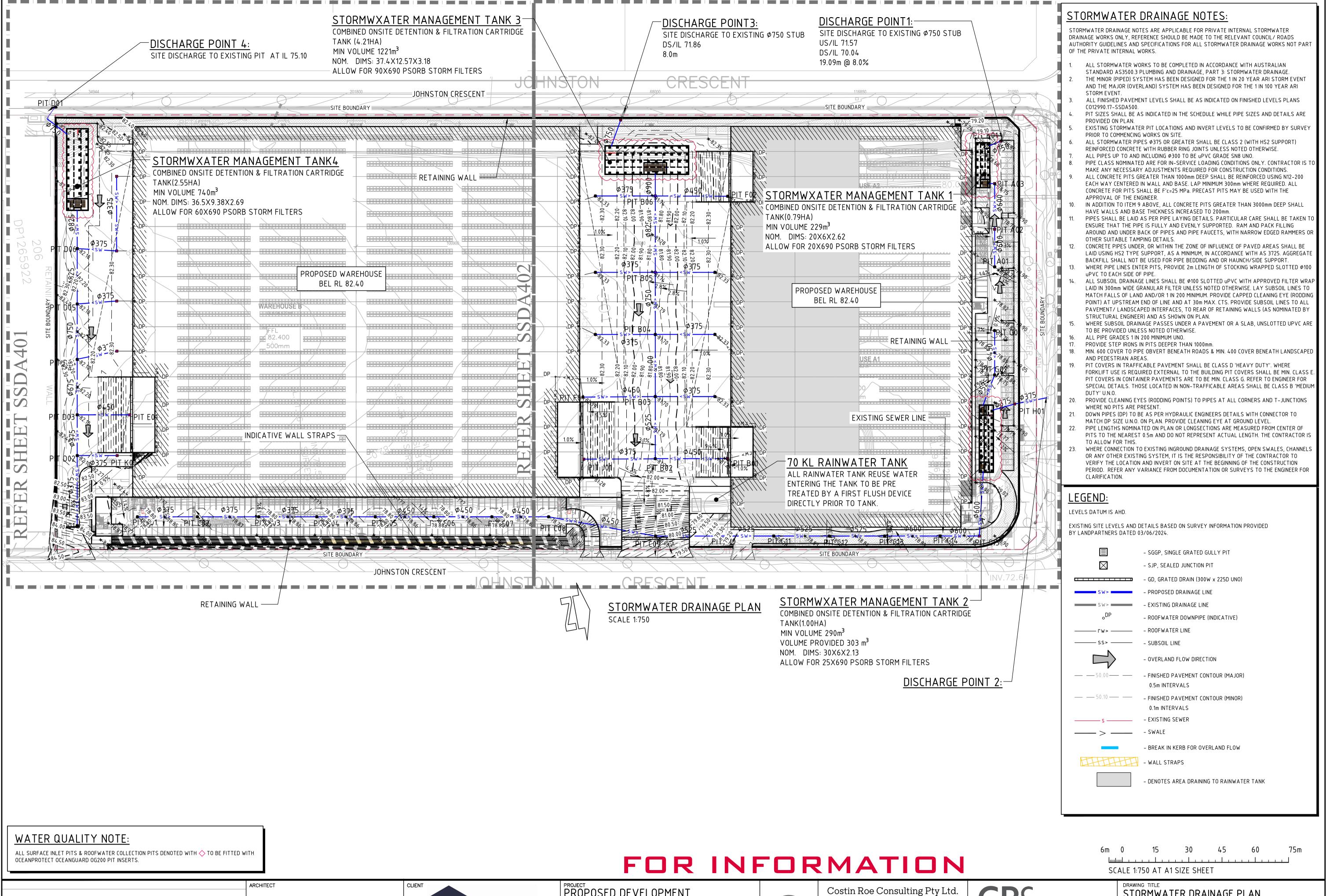
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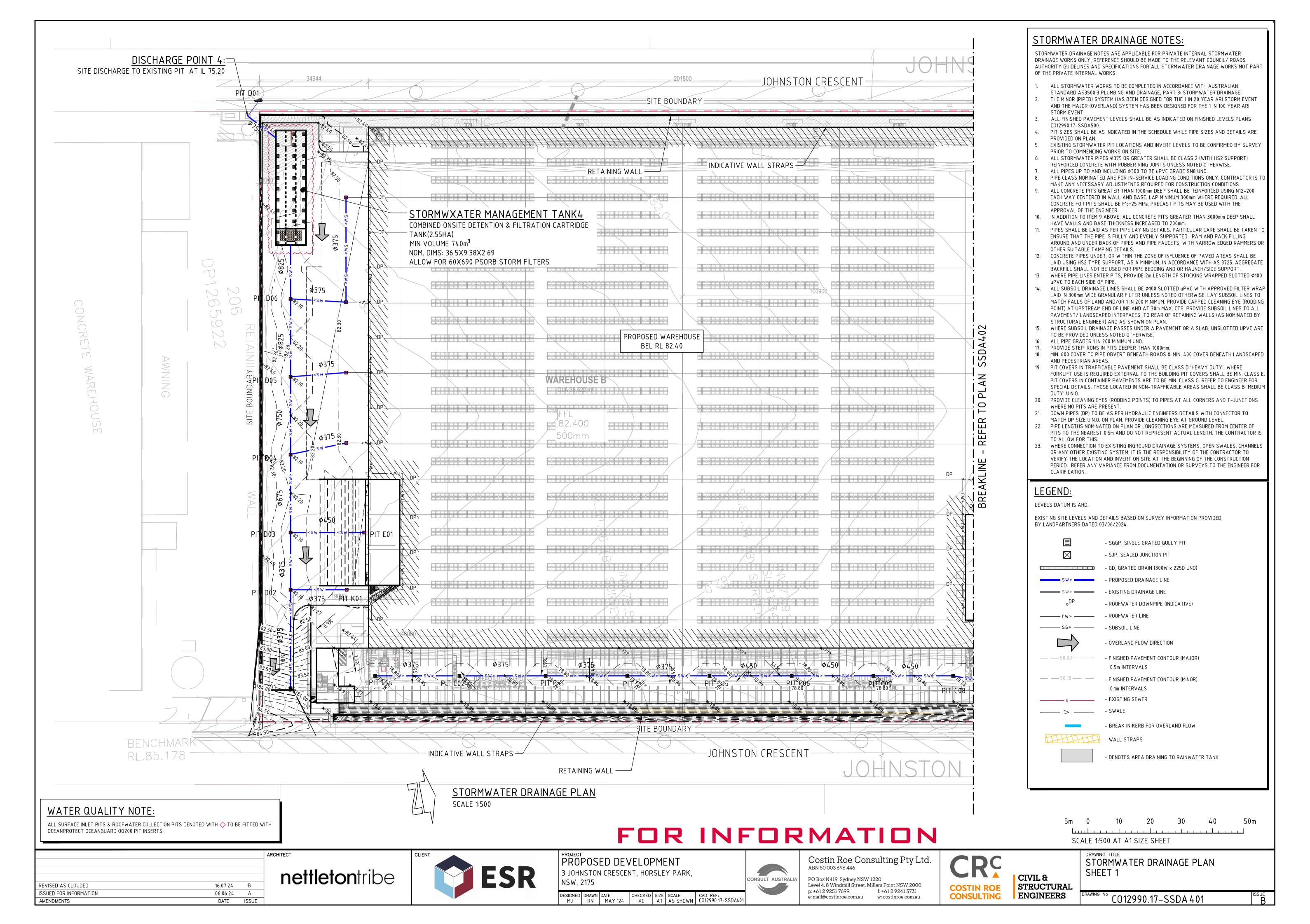


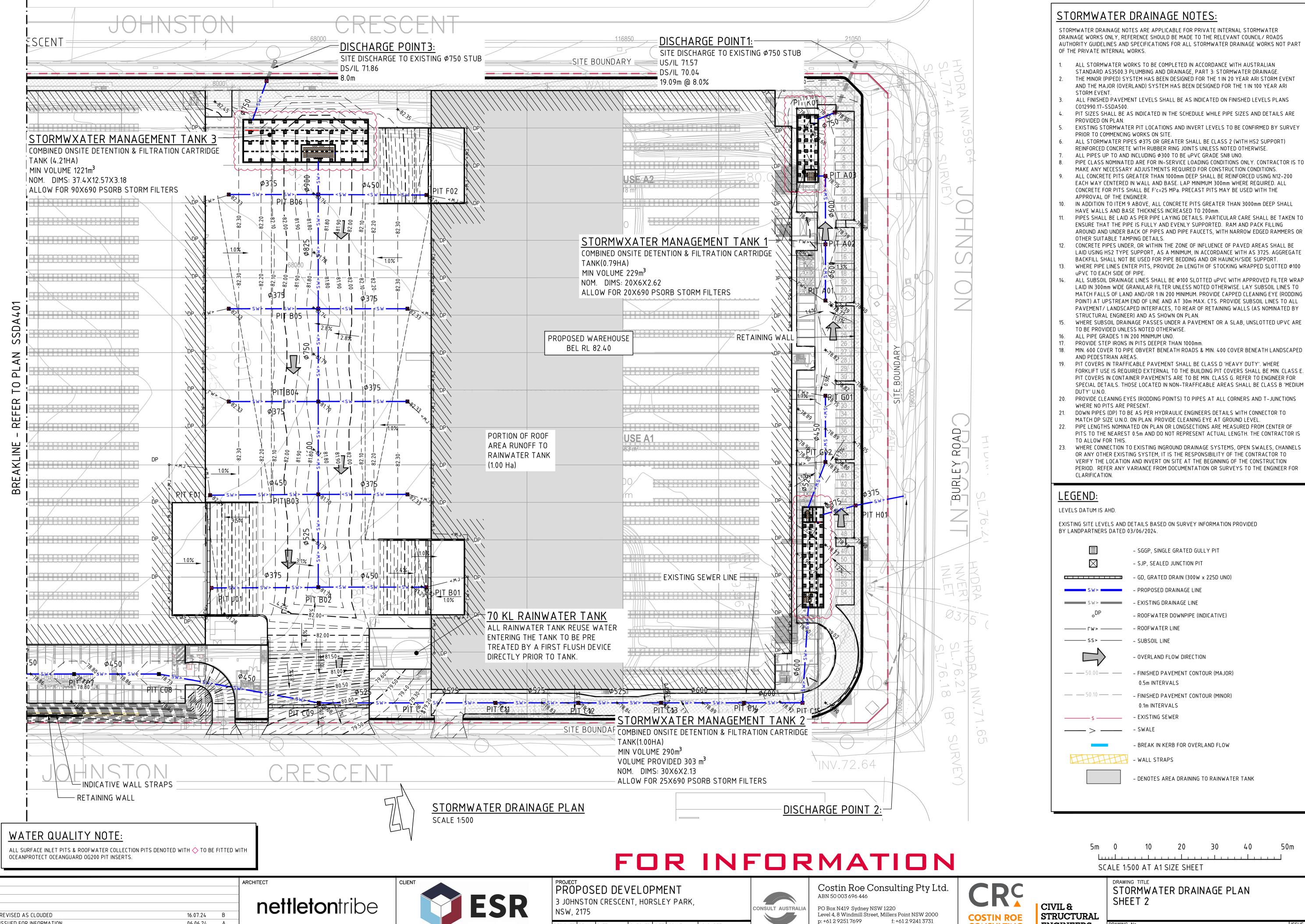
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CIVIL & STRUCTURAL ENGINEERS

STORMWATER DRAINAGE PLAN





DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA40

SSUED FOR INFORMATION

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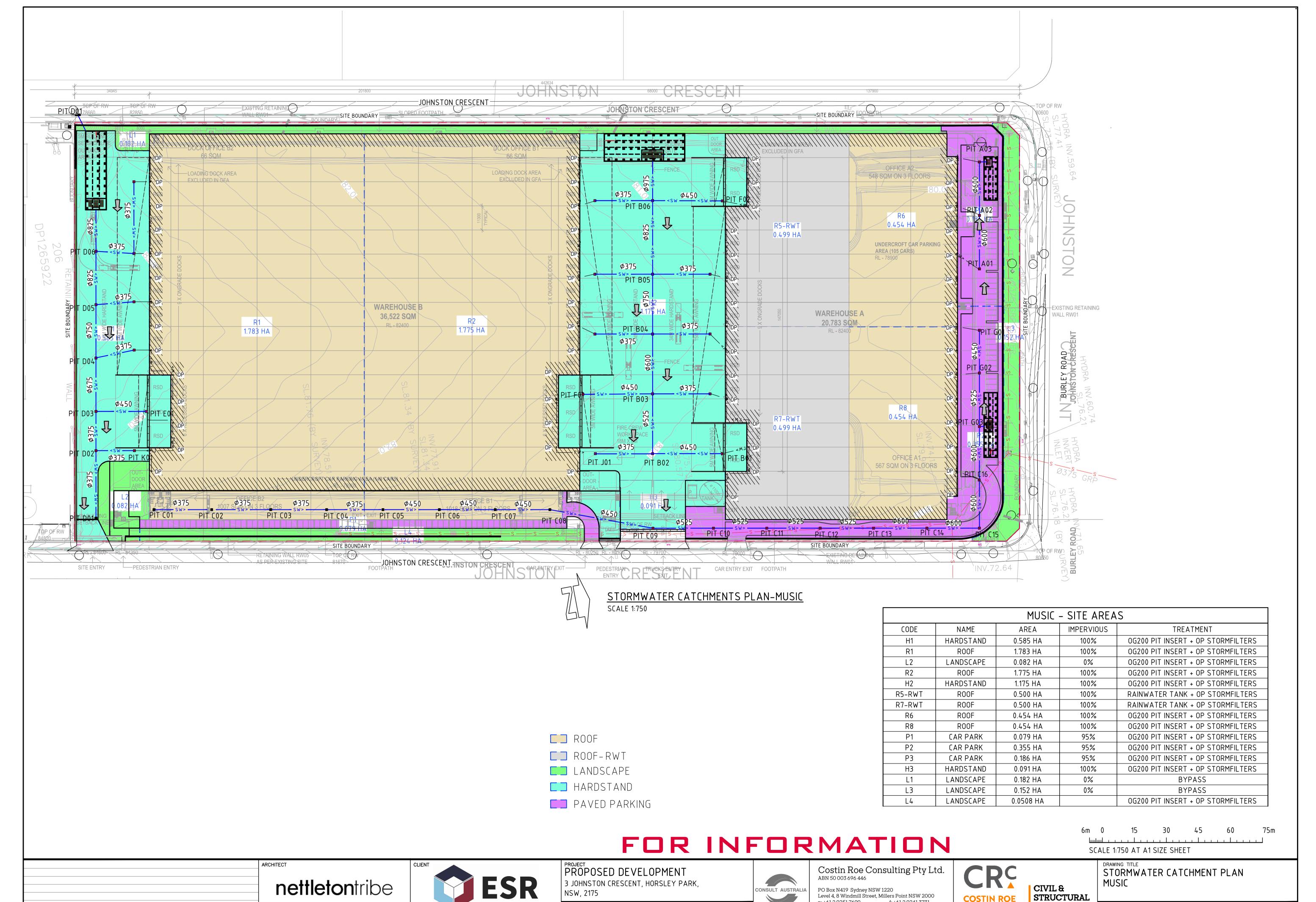
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DATE ISSUE

C012990.17-SSDA 401

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DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA410

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DRAWING No CO12990.17-SSDA 410

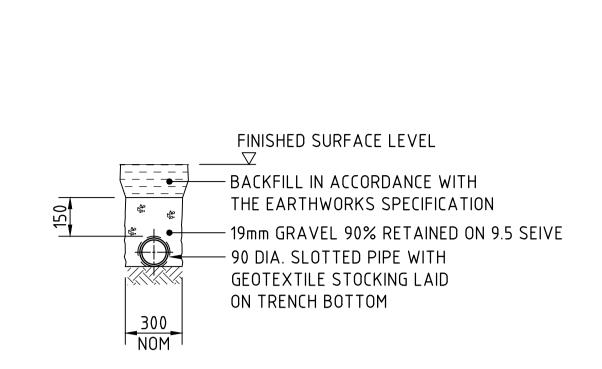
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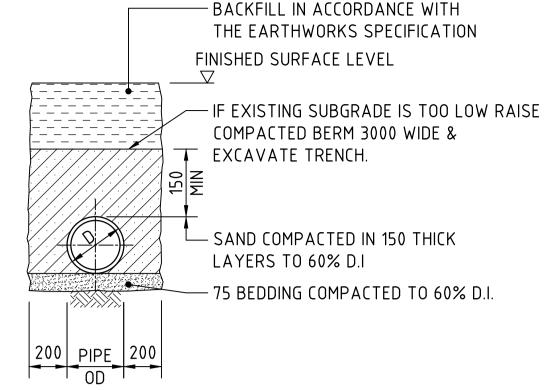
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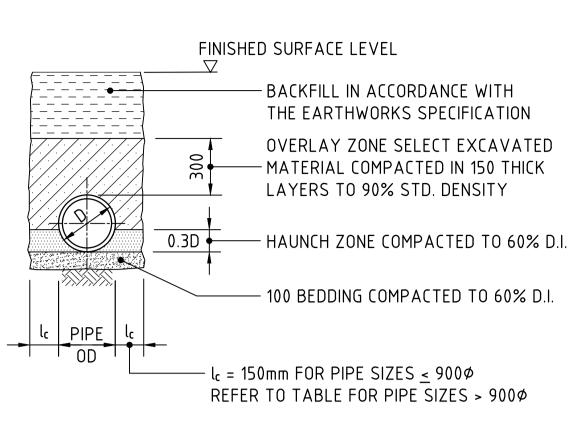
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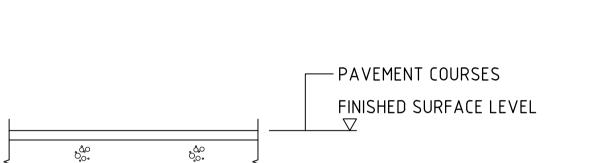


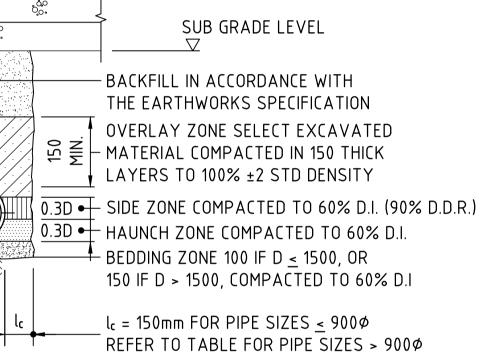


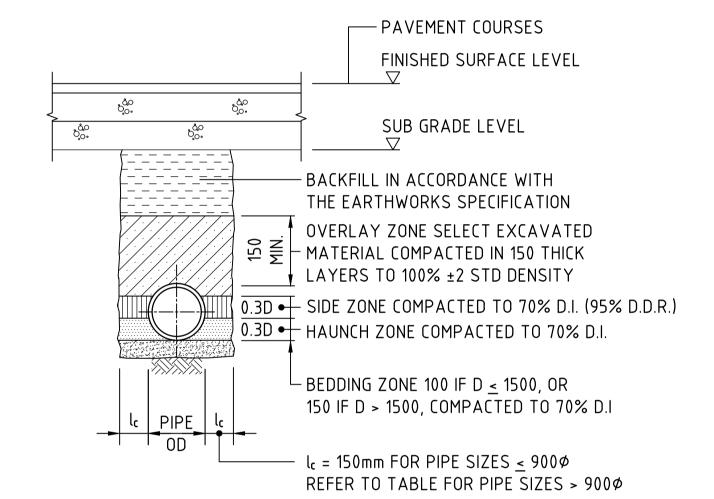
TYPE H1 SUPPORT TO CONCRETE PIPES AT LANDSCAPED AREAS SCALE 1:20











TYPE HS3 SUPPORT TO CONCRETE PIPES UNDER PAVEMENT

SCALE 1:20

D < 1050, MAX FILL = 6.0m

D > 1050, MAX FILL = 4.8m

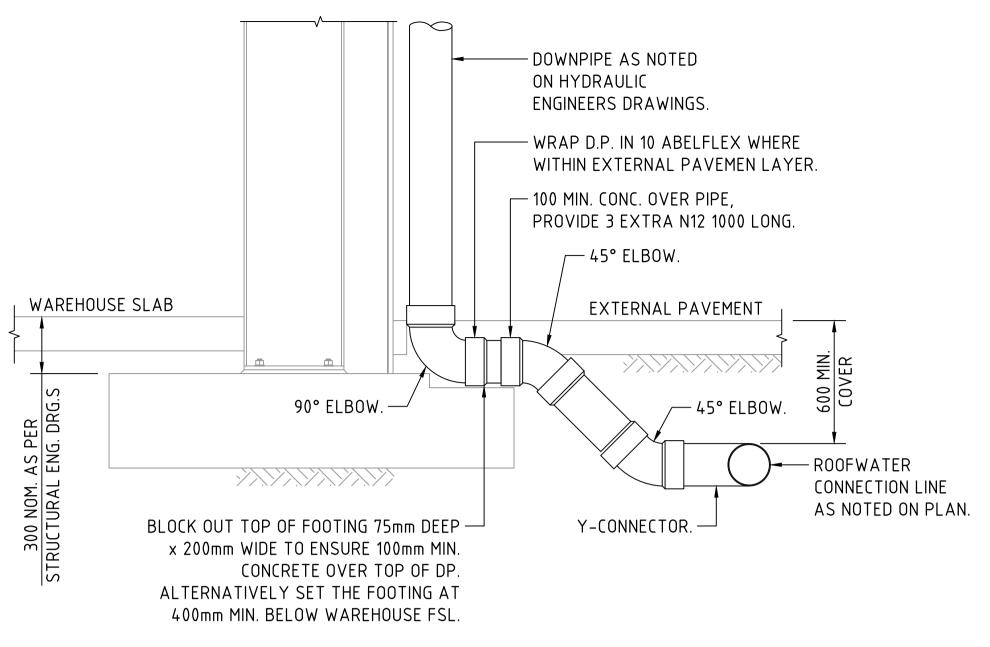
TYPE HS2 SUPPORT TO CONCRETE PIPES UNDER PAVEMENT

SCALE 1:20 D < 1350, MAX FILL = 4.0m D > 1350, MAX FILL = 3.0m

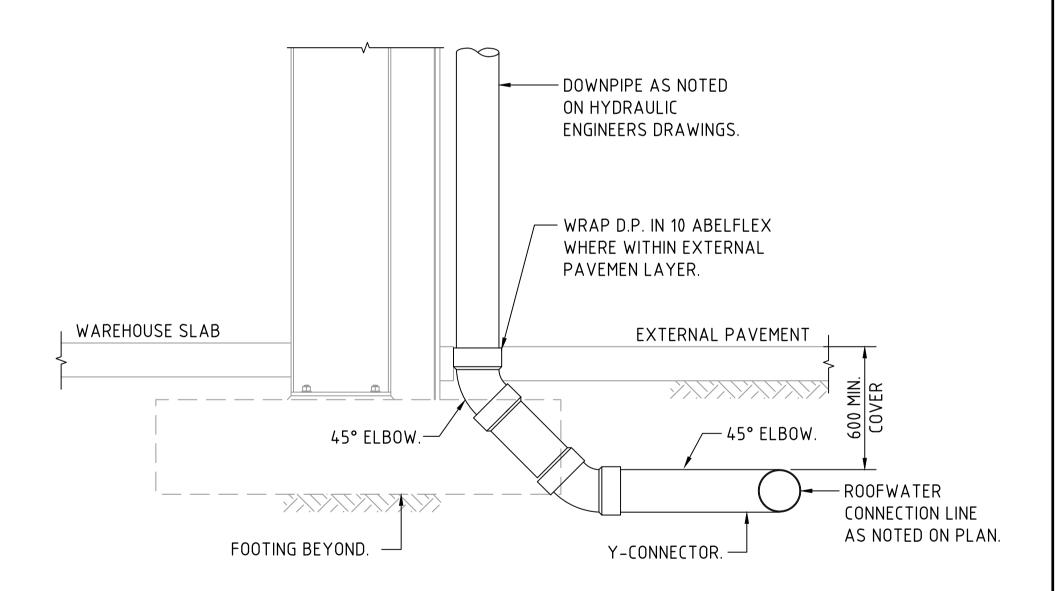
BEDDING & HAUNCH MATERIAL GRADING	
SIEVE SIZE (mm)	WEIGHT PASSING (%)
19.0	100
2.36	100 TO 50
0.60	90 TO 50
0.30	60 TO 10
0.15	25 TO 0
0.075	10 TO 0

SIDE ZONE WIDTH		
PIPE SIZE (mm)	I _C (mm)	
<u><</u> 900∅	150	
1050¢	175	
1200ø	200	
1350¢	225	
1500¢	250	
1650 <i>ø</i>	275	
1800 <i>¢</i>	300	
ENGINEER TO SPECIFY TRENCH		
WIDTHS FOR PIPE SIZES		
GREATER THAN 1800⊅		

SIDE ZONE MATERIAL GRADING		
SIEVE SIZE (mm)	WEIGHT PASSING (%)	
19.0	100	
9.5	100 TO 50	
2.6	100 TO 30	
0.60	50 TO 15	
0.075	25 TO 0	
SELECT FILL MATERIAL IN ACCORDANCE WITH		
TABLE 1 AS 3725		



DOWNPIPE TURN-UP DETAIL A (AT FOOTING LOCATION) SCALE 1:20



DOWNPIPE TURN-UP DETAIL B (CLEAR OF FOOTING) SCALE 1:20

FOR INFORMATION

SCALE 1:750 AT A1 SIZE SHEET

ARCHITECT **nettleton**tribe ISSUED FOR INFORMATION 06.06.24 A

AMENDMENTS

DATE ISSUE



PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRAL DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA45

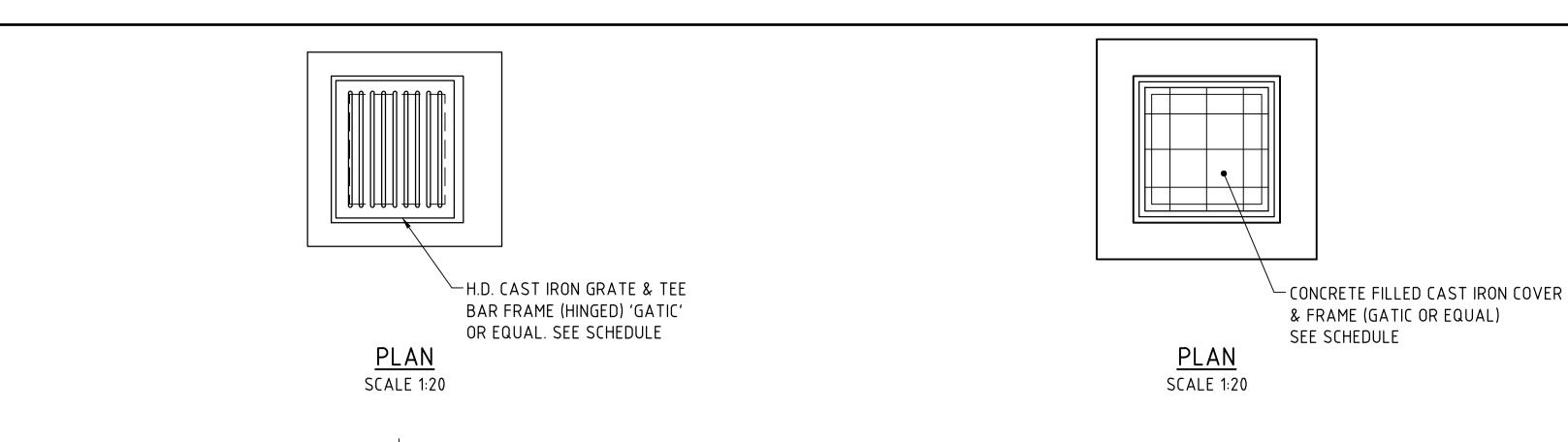
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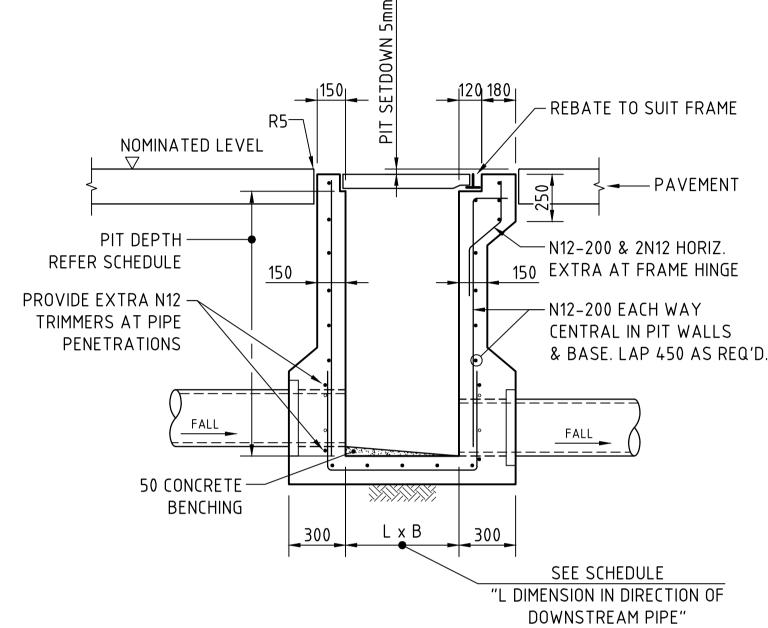
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DRAWING TITLE STORMWATER DRAINAGE DETAILS SHEET 1

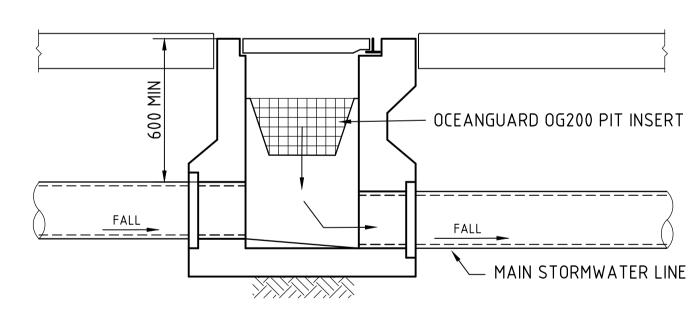




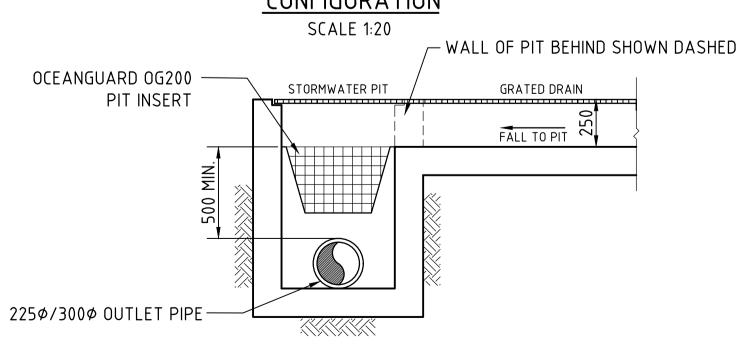
SINGLE GRATED GULLY PIT - SGGP

SECTION

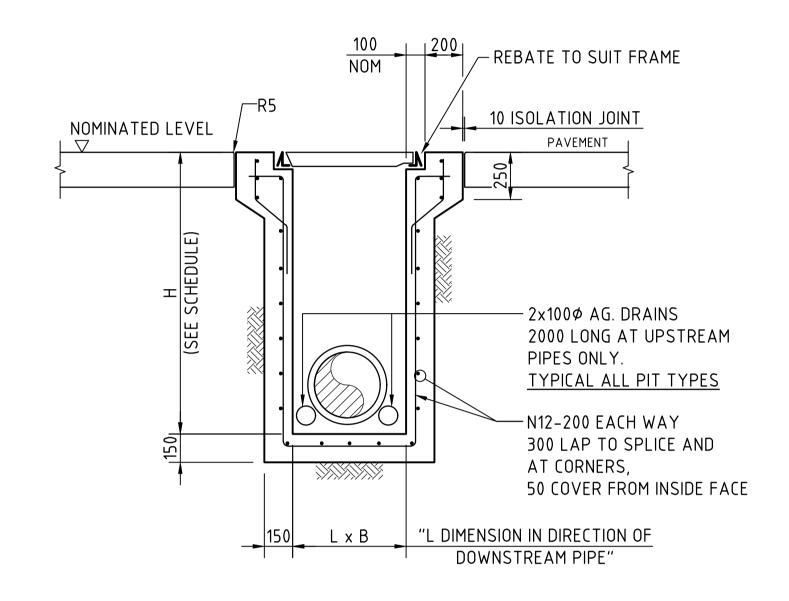
SCALE 1:20



STORMWATER PIT WITH OCEANGUARD CONFIGURATION

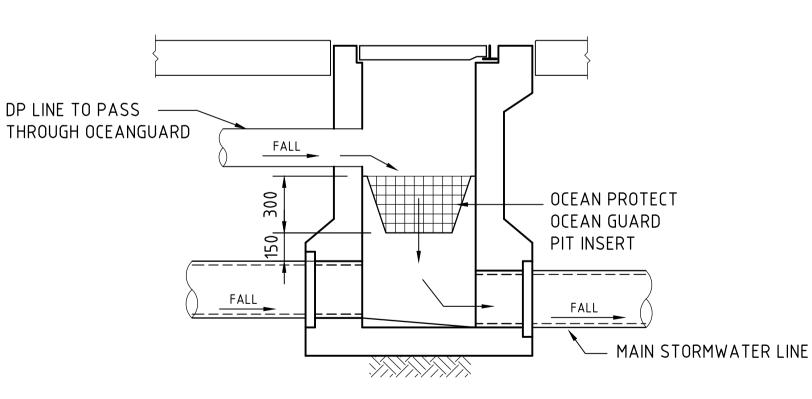


GRATED DRAIN/STORMWATER PIT WITH OCEANGUARD CONFIGURATION SCALE 1:20



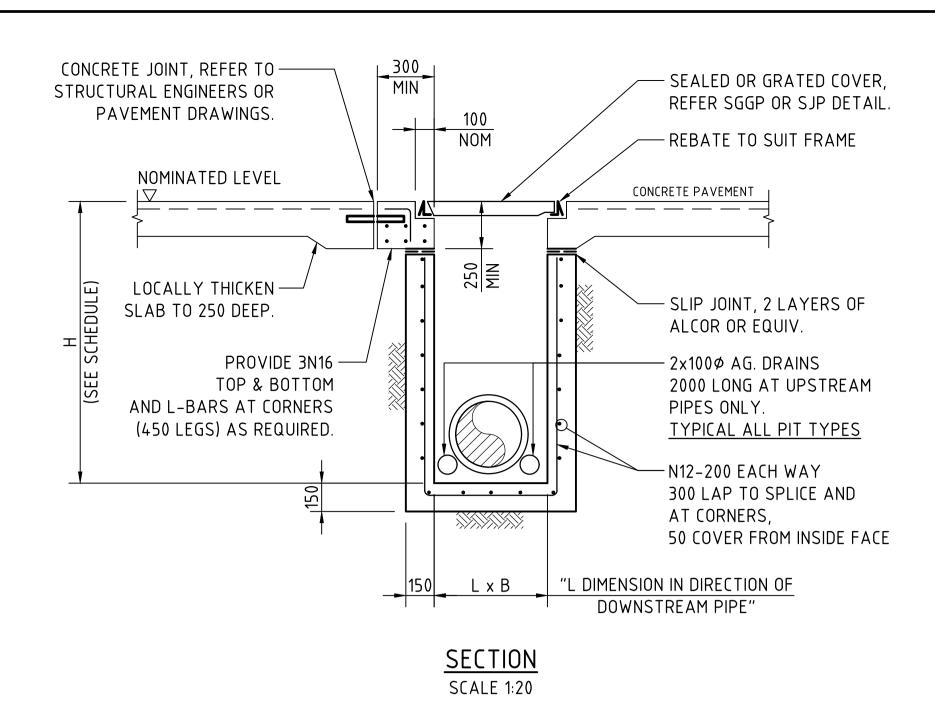
SECTION SCALE 1:20

SEALED PIT - SJP



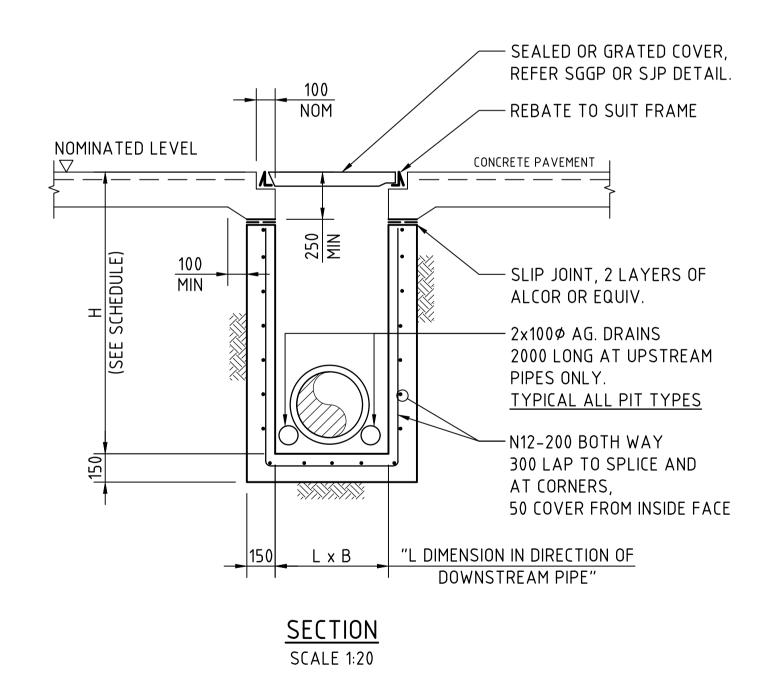
ROOFWATER/STORMWATER PIT WITH OCEANGUARD CONFIGURATION SCALE 1:20

OCEAN PROTECT OCEANGUARD PIT INSERTS TO BE FITTED WITH AN OIL/HYDROCARBON ADSORBENT MATERIAL FOR ALL SURFACE INLET COLLECTION PITS WITHIN HARDSTAND AND CARPARK AREAS



SJP/CIS & SGGP/CIS (CAST IN SLAB) PIT DETAIL GRATE/COVER SUPPORT CAST-INTO PAVEMENT SLAB

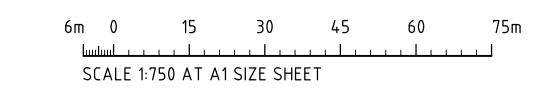
(ADOPT IN CONCRETE PAVEMENT FOR SGGP's & SJP's, WHERE PITS ARE LOCATED IN THE CORNER OF SLAB PANELS OR ADJACENT TO SLAB PANEL JOINTS)



SJP/CIS & SGGP/CIS (CAST IN SLAB) PIT DETAIL GRATE/COVER SUPPORT CAST-INTO PAVEMENT SLAB

(ADOPT IN CONCRETE PAVEMENTS FOR SGGP's & SJP's, WHERE JOINTS ARE NOT LOCATED WITHIN PROXIMITY OF THE GRATE)

FOR INFORMATION



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NOTE:

PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA45



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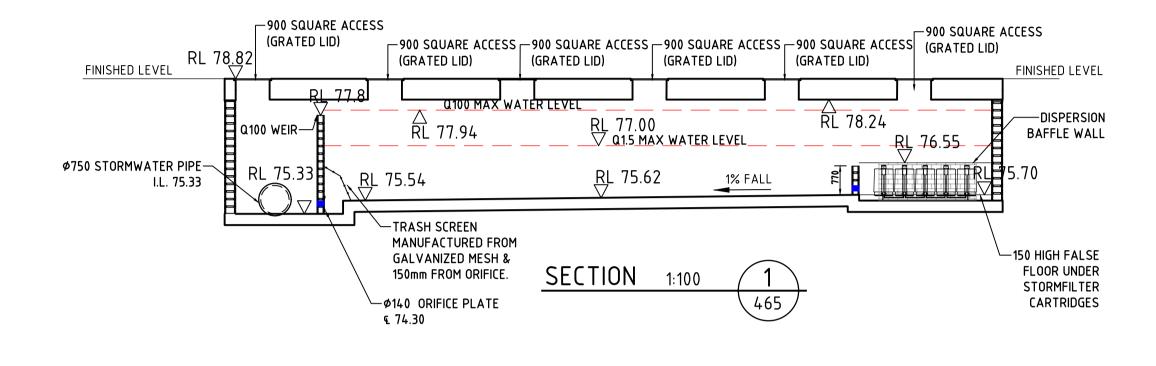
PO Box N419 Sydney NSW 1220

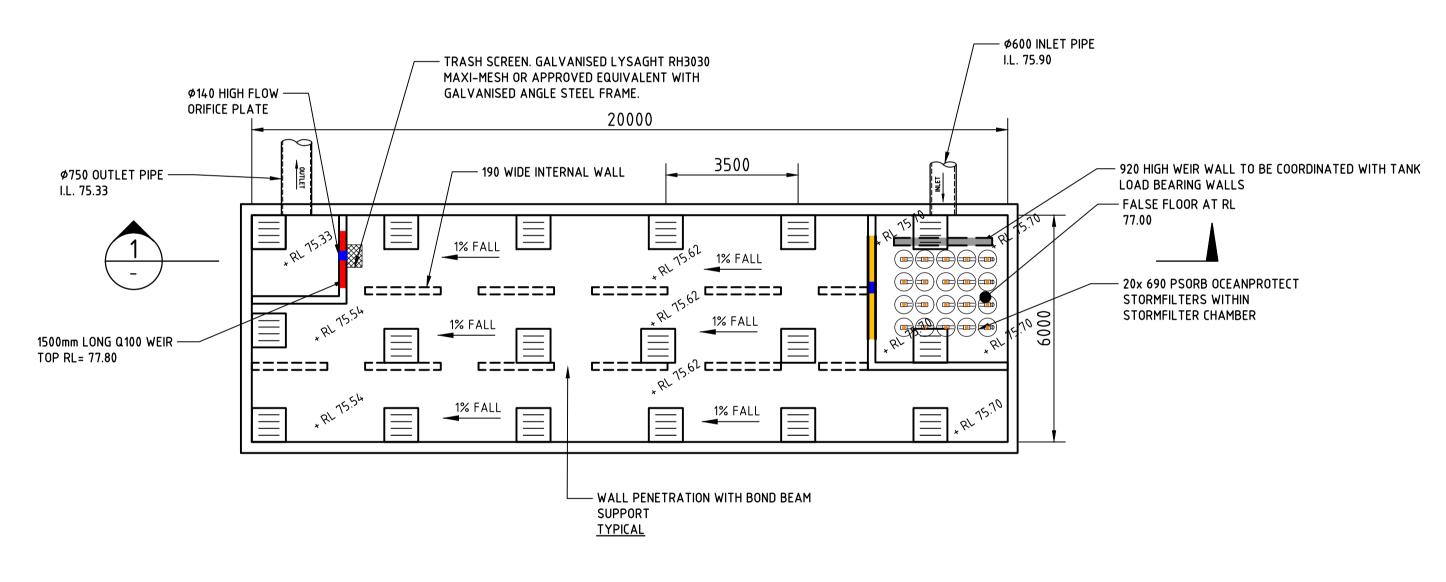
p: +61 2 9251 7699

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STORMWATER DRAINAGE DETAILS SHEET 2





OSD 1 TANK PLAN SCALE 1:100

OSD TANK DETAILS

86,000m² TOTAL SITE AREA

 $7,900 \, \mathrm{m}^2$ TOTAL SITE AREA DRAINING TO STORAGE

(95% IMPERVIOUS)

STORAGE

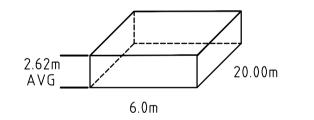
114 m² OSD STORAGE AREA

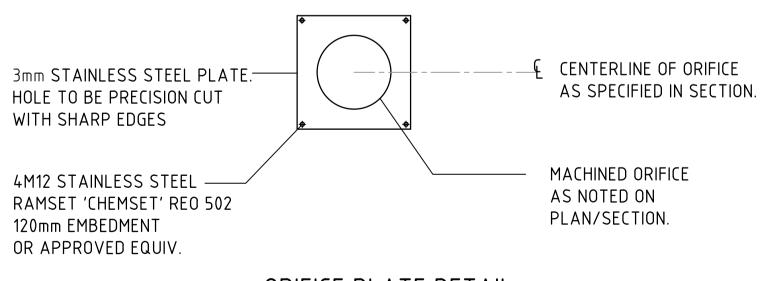
Q5 ORIFICE Ø 140mm Q5 ORIFICE (= RL 75.47

5 YEAR ARIVOLUME PROVIDED 156.0m MIN. 5 YEAR ARI VOLUME REQUIRED 134.0m MIN.

100 YEAR ARIVOLUME PROVIDED 265.0m MIN. 100 YEAR ARI VOLUME REQUIRED 229.0m MIN.

INTERNAL TANK DIMENSIONS (INC. HIGH FLOW CHAMBERS)





ORIFICE PLATE DETAIL

FOR INFORMATION

1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

ARCHITECT **nettleton**tribe ISSUED FOR INFORMATION 16.07.24 A

AMENDMENTS

DATE ISSUE



PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRALIA DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA465

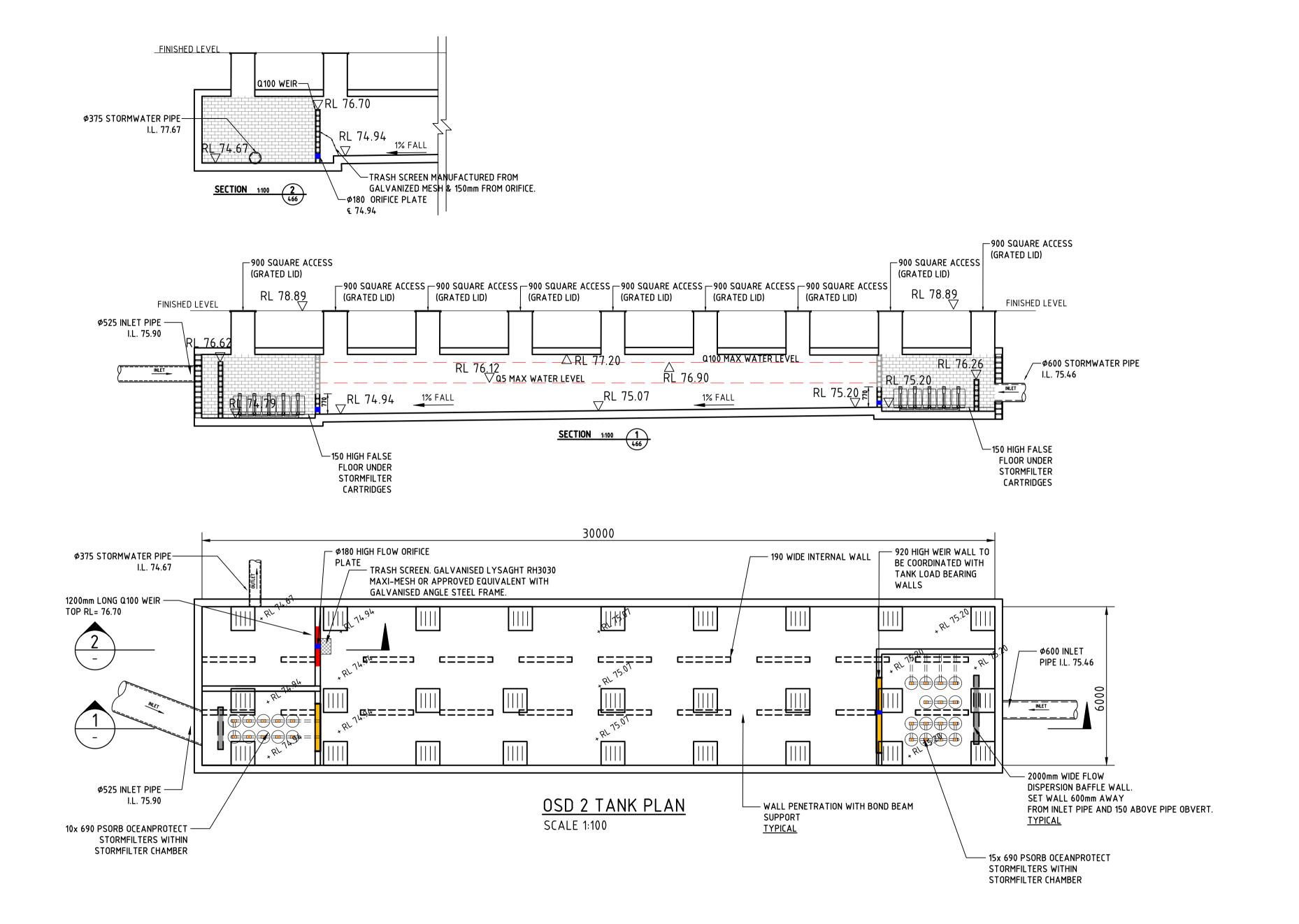
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DRAWING TITLE OSD TANK / WATER QUALITY DETAILS SHEET 1



OSD TANK DETAILS

86,000m² TOTAL SITE AREA

TOTAL SITE AREA DRAINING TO STORAGE (95% IMPERVIOUS)

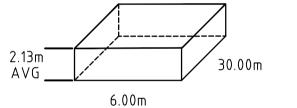
STORAGE

OSD STORAGE AREA 166 m Q5 ORIFICE Ø 180mm Q5 ORIFICE 9 = RL 74.94

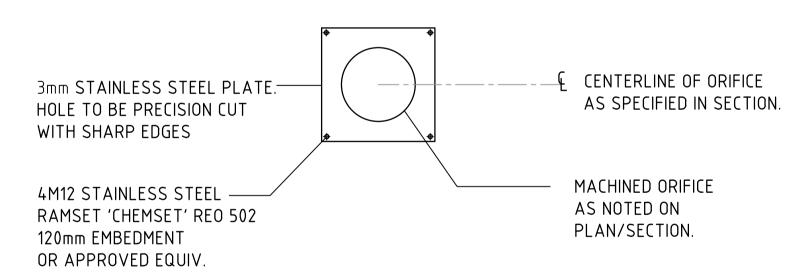
5 YEAR ARIVOLUME PROVIDED 174.3m MIN. 5 YEAR ARI VOLUME REQUIRED 170.0m MIN.

100 YEAR ARIVOLUME PROVIDED 303.0m MIN. 100 YEAR ARI VOLUME REQUIRED 290.0m MIN.

INTERNAL TANK DIMENSIONS (INC. HIGH FLOW CHAMBERS)



10,000m²



ORIFICE PLATE DETAIL

FOR INFORMATION

1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

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AMENDMENTS



PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRALIA DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
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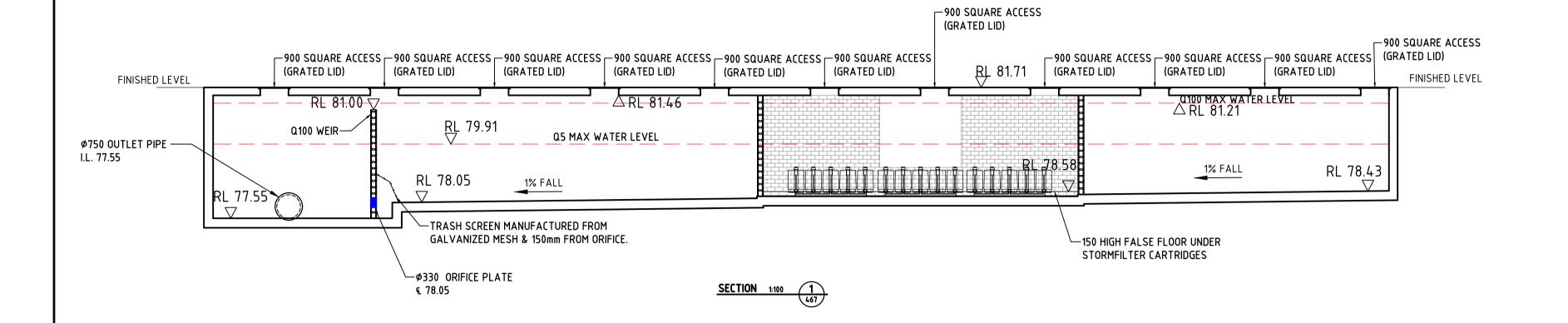
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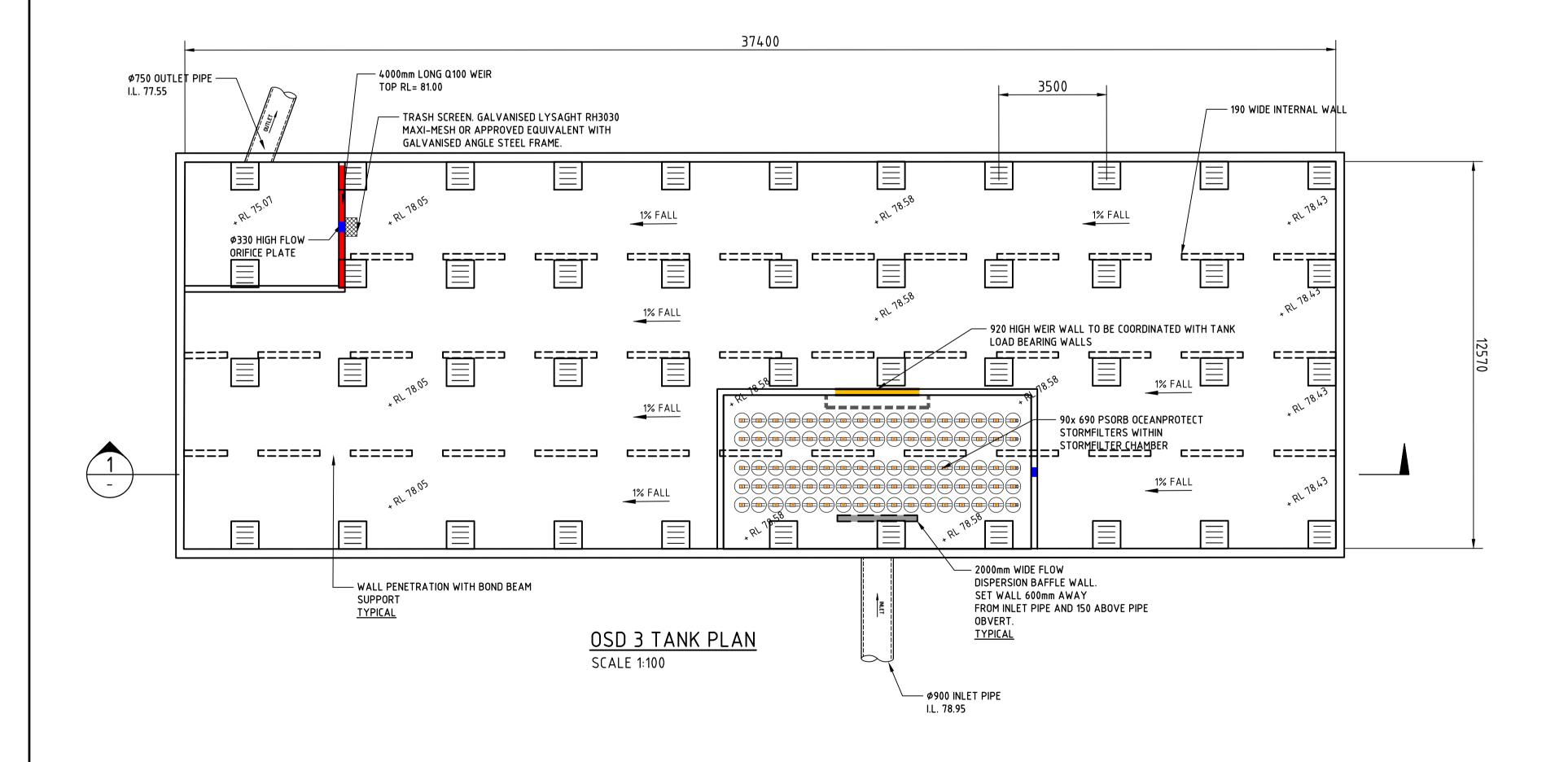
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DRAWING TITLE OSD TANK / WATER QUALITY DETAILS SHEET 2





OSD TANK DETAILS

86,000m² TOTAL SITE AREA

TOTAL SITE AREA DRAINING TO STORAGE (95% IMPERVIOUS)

42,100m²

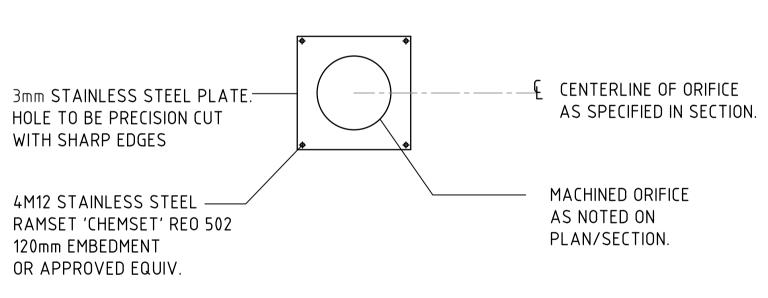
STORAGE

OSD STORAGE AREA 454 m Q5 ORIFICE Ø 330mm Q5 ORIFICE (= RL 78.05

5 YEAR ARIVOLUME PROVIDED 740.0m MIN. 5 YEAR ARI VOLUME REQUIRED 716.0m MIN.

100 YEAR ARIVOLUME PROVIDED 1330.0m MIN. 100 YEAR ARI VOLUME REQUIRED 1221.0m MIN.





ORIFICE PLATE DETAIL

FOR INFORMATION

1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRALIA DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
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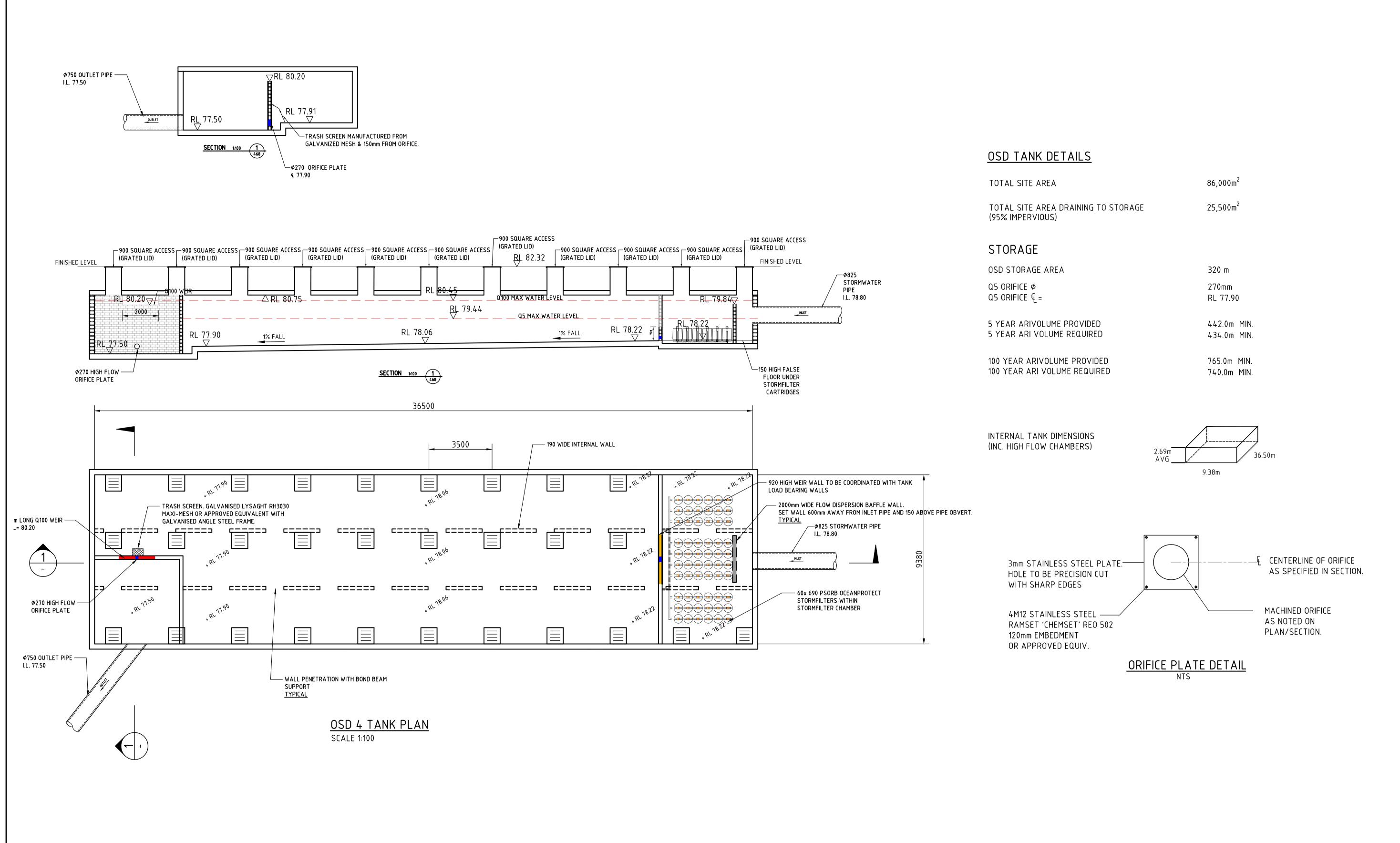
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DRAWING TITLE OSD TANK / WATER QUALITY DETAILS SHEET 3



SCALE 1:750 AT A1 SIZE SHEET

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

CONSULT AUSTRALIA DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
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f: +61 2 9241 3731

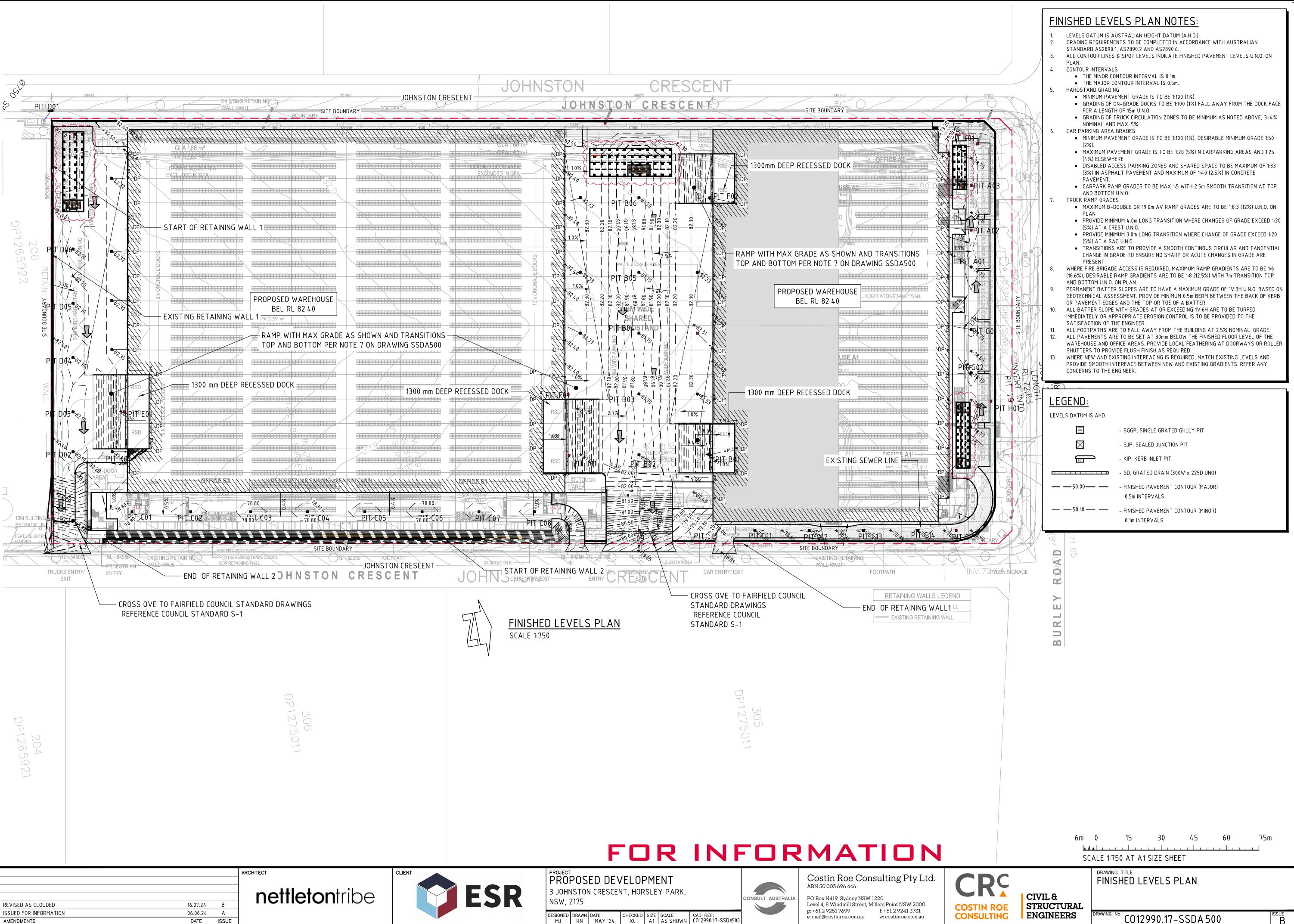
Level 4, 8 Windmill Street, Millers Point NSW 2000

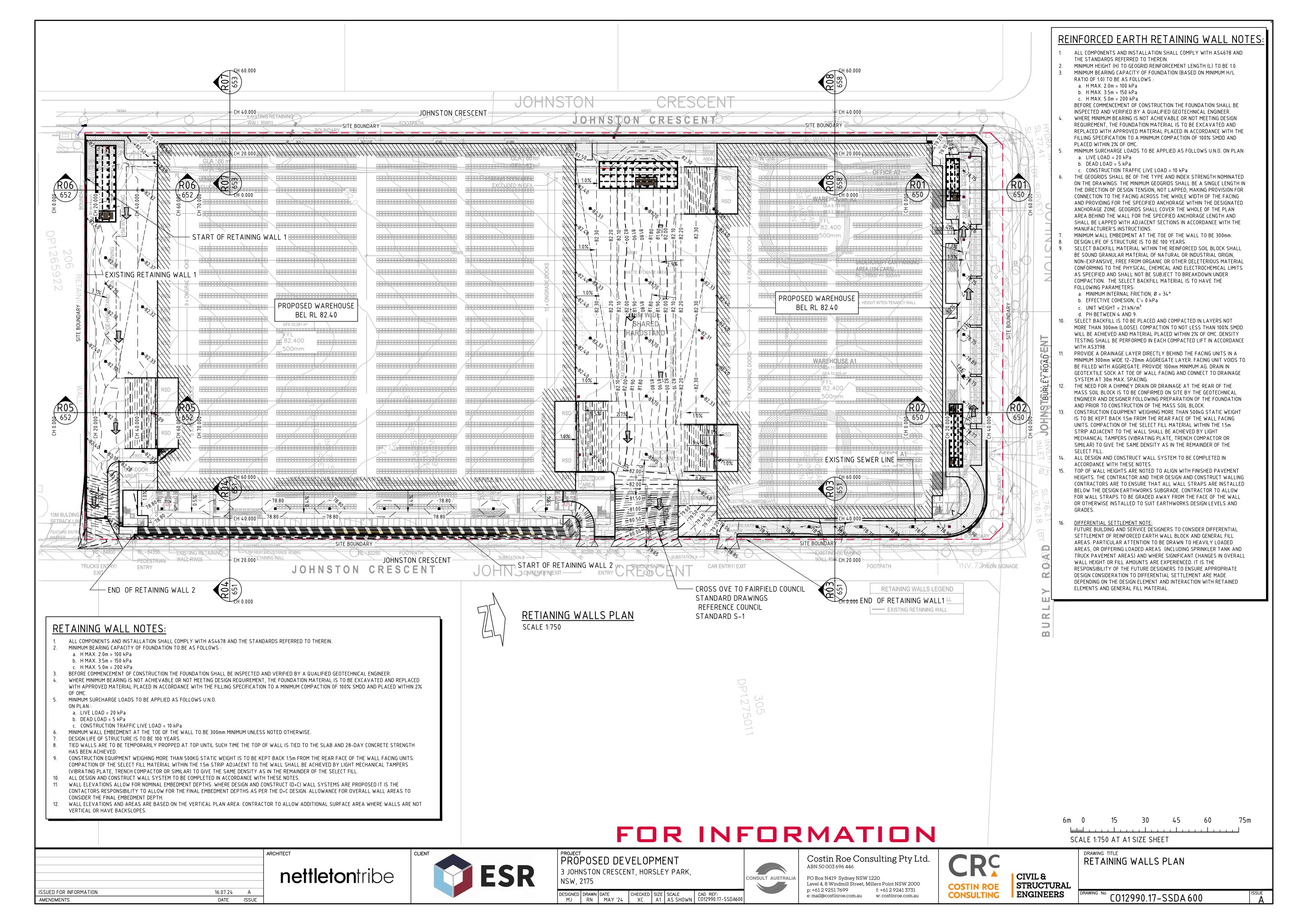
e: mail@costinroe.com.au w: costinroe.com.au

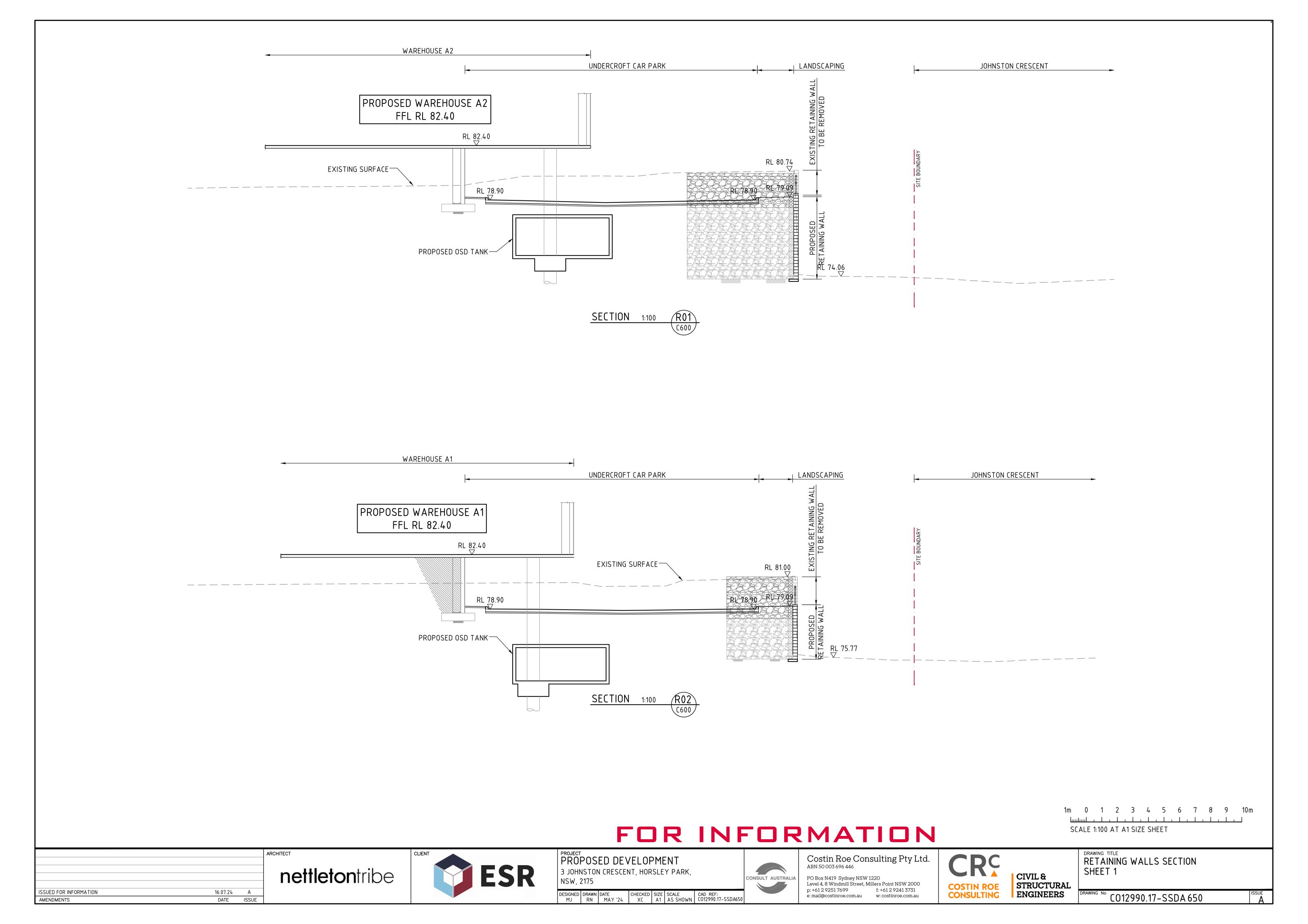
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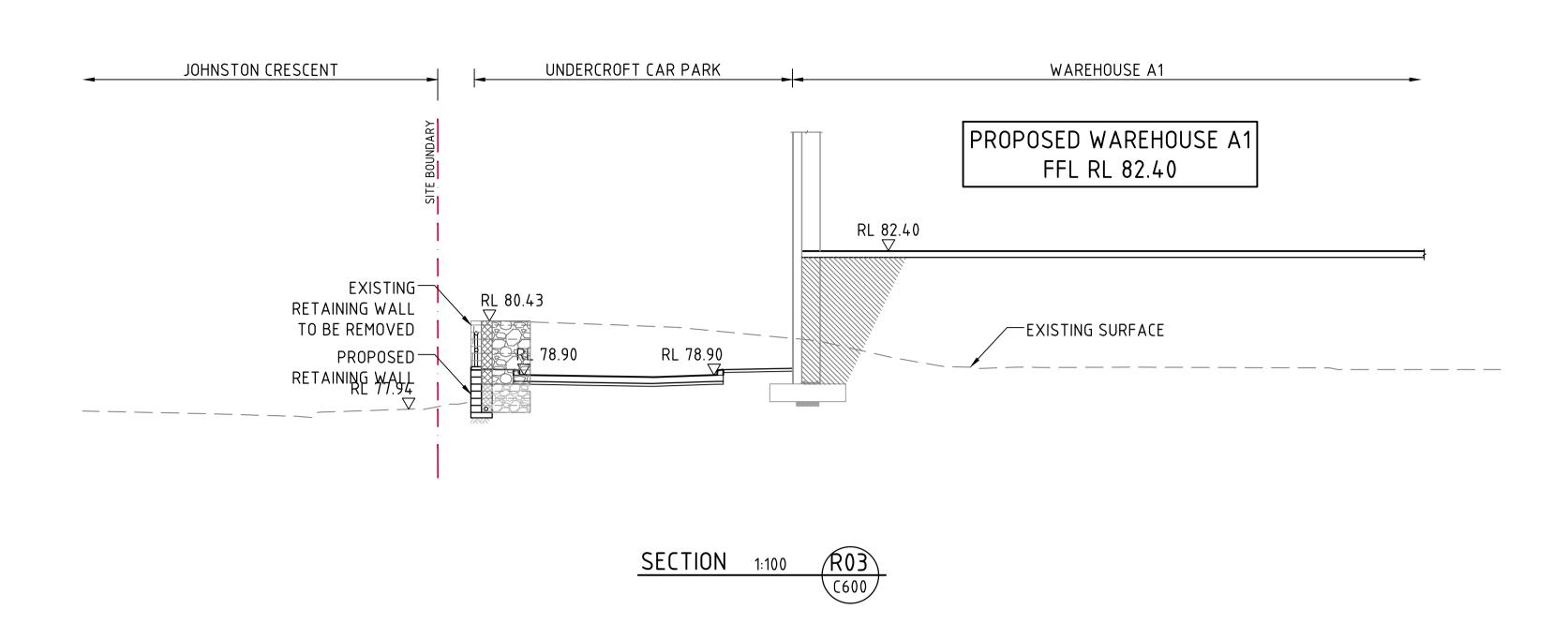
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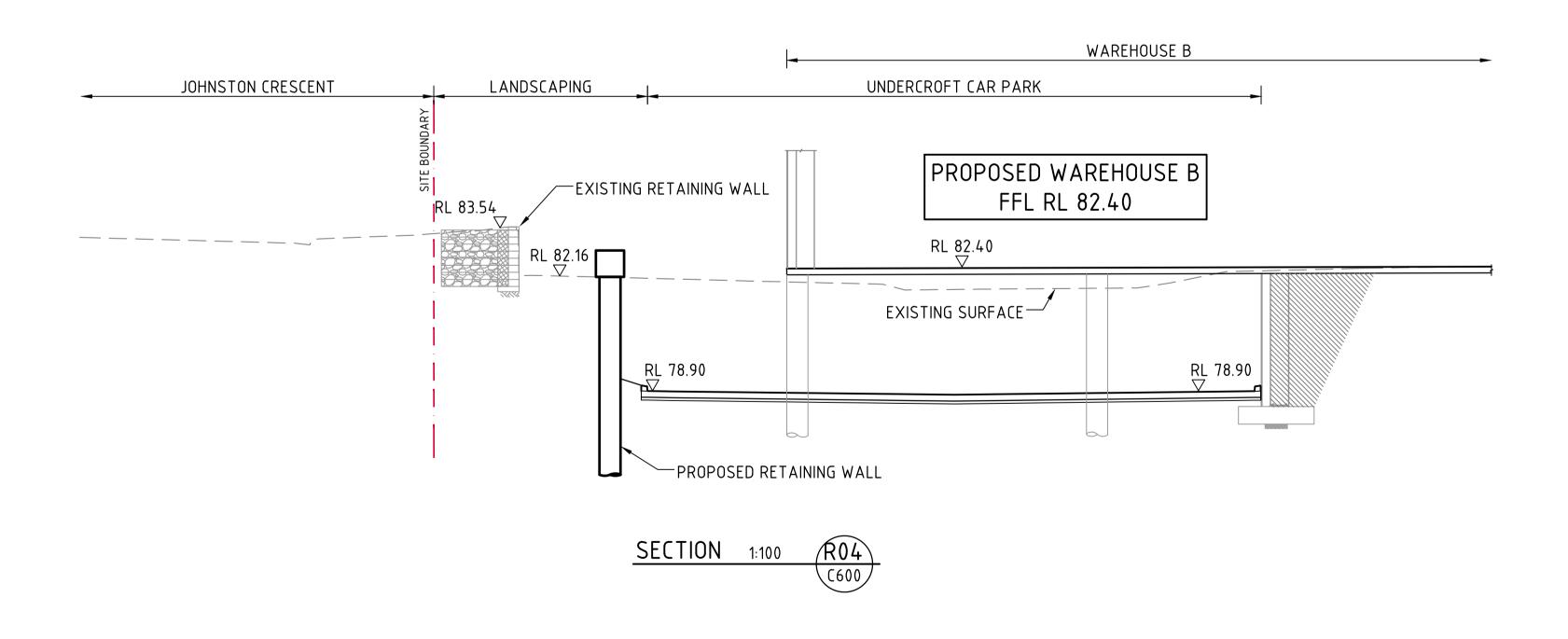
OSD TANK / WATER QUALITY DETAILS SHEET 4











1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

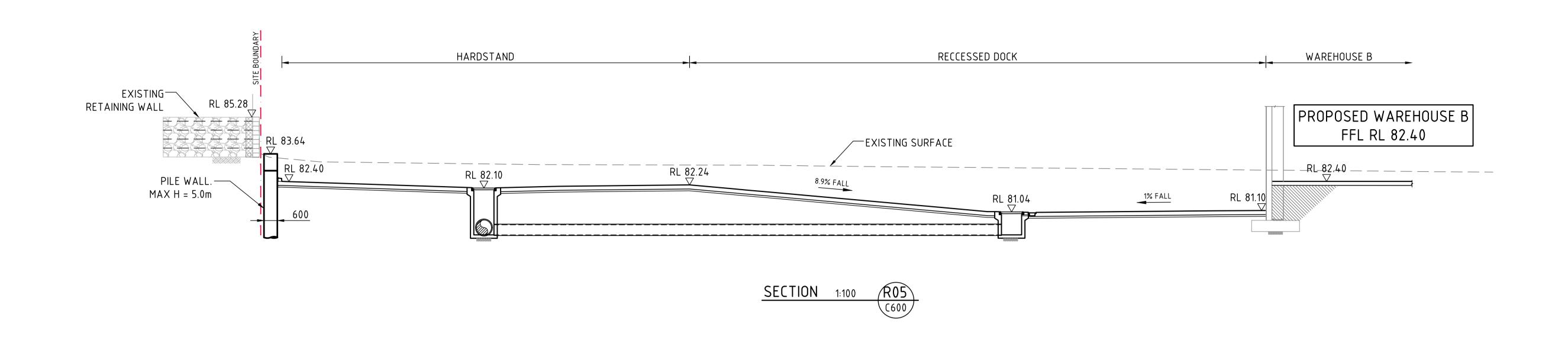


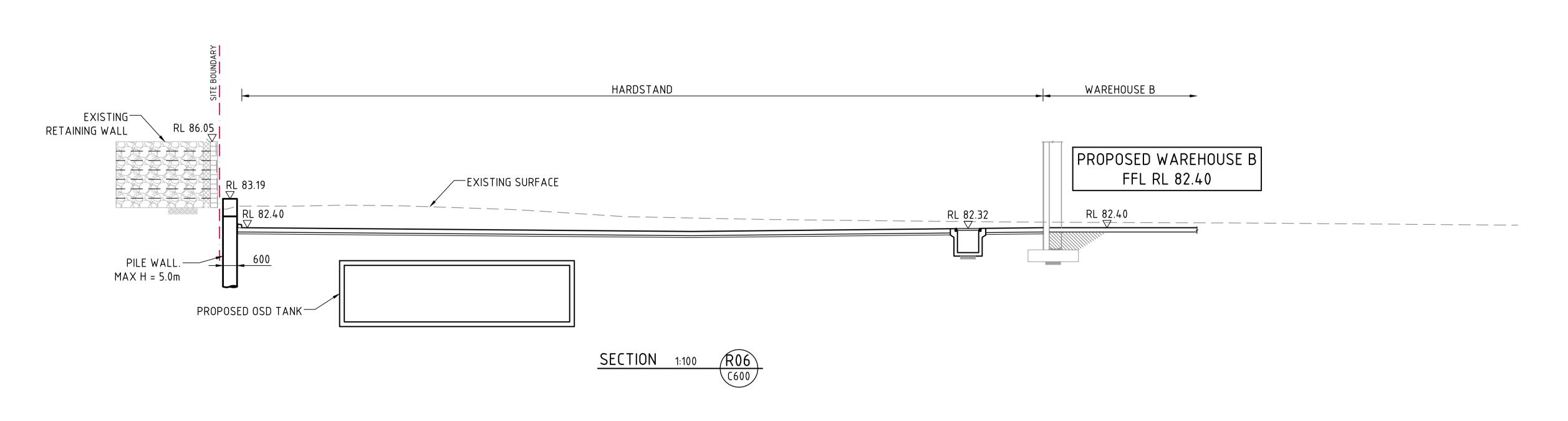
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CIVIL & STRUCTURAL ENGINEERS

RETAINING WALLS SECTION SHEET 2

DRAWING No CO12990.17-SSDA 651





1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175

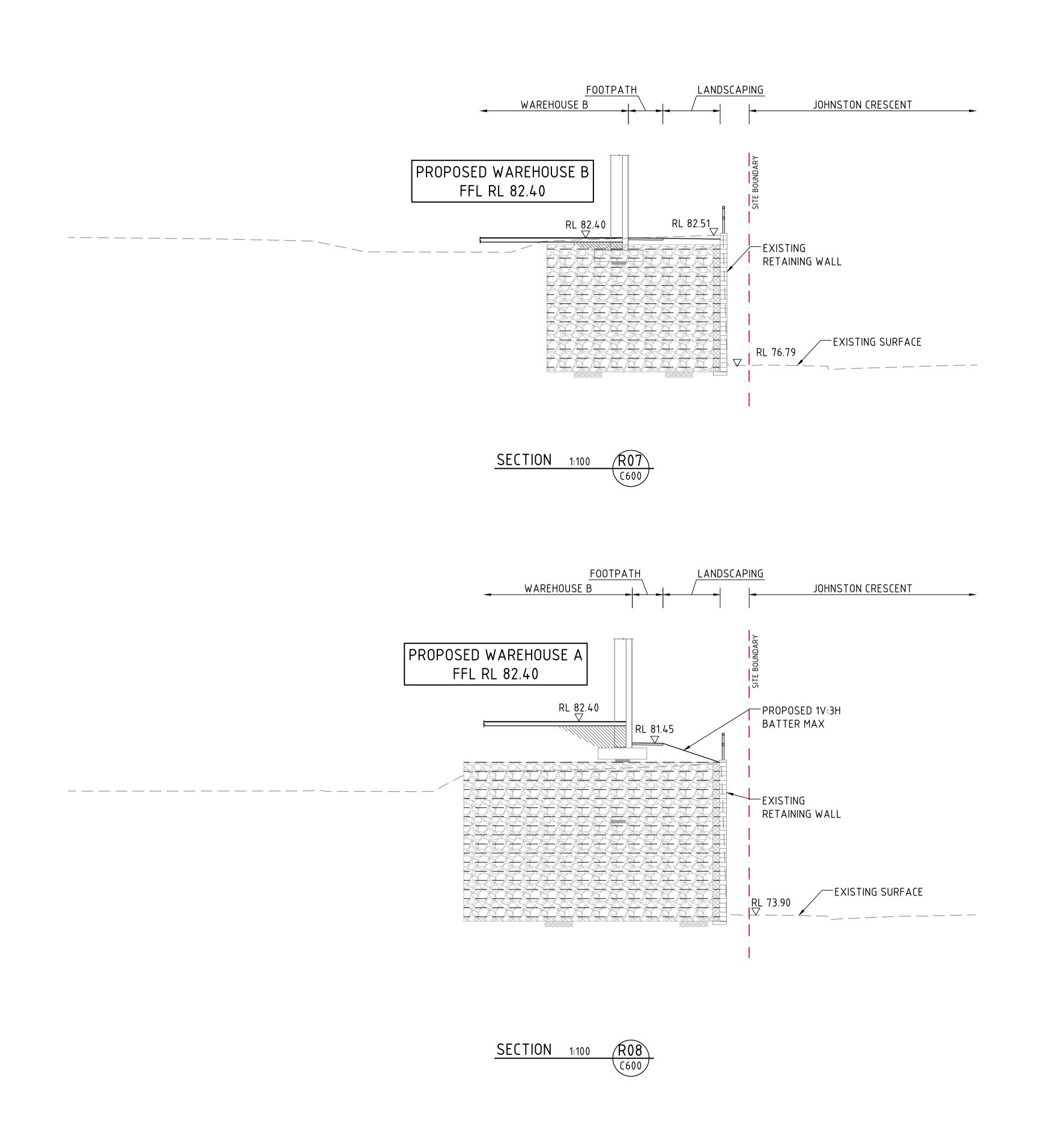


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CIVIL & STRUCTURAL ENGINEERS

RETAINING WALLS SECTION SHEET 3



1m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:100 AT A1 SIZE SHEET

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PROPOSED DEVELOPMENT 3 JOHNSTON CRESCENT, HORSLEY PARK, NSW, 2175



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DRAWING TITLE RETAINING WALLS SECTION SHEET 4

f: +61 2 9241 3731 p: +61 2 9251 7699 DRAWING N° CO12990.17−SSDA 653 **ENGINEERS** DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
MJ RN MAY '24 XC A1 AS SHOWN C012990.17-SSDA653 e: mail@costinroe.com.au w: costinroe.com.au