PROPOSED WAREHOUSES 5, 6 & 7 35-47 STENNETT ROAD INGLEBURN NSW

DRAWING LIST:

DRAWING NO. CO12813.09-C 10	DRAWING TITLE DRAWING LIST & GENERAL NOTES
C012813.09-C 20	EROSION & SEDIMENT CONTROL PLAN
CO12813.09-C 25	EROSION & SEDIMENT CONTROL DETAILS
C012813.09-C 31	BULK EARTHWORKS PLAN-SHEET 1
C012813.09-C 32	BULK EARTHWORKS PLAN-SHEET 2
C012813.09-C 33	BULK EARTHWORKS PLAN-SHEET 3
C012813.09-C 34	BULK EARTHWORKS PLAN-SHEET 4
CO12813.09-C 35	BULK EARTHWORKS SECTIONS-SHEET 1
C012813.09-C 36	BULK EARTHWORKS SECTIONS-SHEET 2
C012813.09-C 40	DRAWING KEY PLAN
CO12813.09-C 41	STORMWATER DRAINAGE PLAN-SHEET 1
CO12813.09-C 42	STORMWATER DRAINAGE PLAN-SHEET 2
C012813.09-C 43	STORMWATER DRAINAGE PLAN-SHEET 3
C012813.09-C 44	STORMWATER DRAINAGE PLAN-SHEET 4
CO12813.09-C 45	STORMWATER DRAINAGE DETAILS - SHEET 1
CO12813.09-C 46	STORMWATER DRAINAGE DETAILS - SHEET 2
C012813.09-C 47	STORMWATER CATCHMENT PLAN
CO12813.09-C 51	FINISHED LEVELS PLAN-SHEET 1
CO12813.09-C 52	FINISHED LEVELS PLAN-SHEET 2
CO12813.09-C 53	FINISHED LEVELS PLAN-SHEET 3
CO12813.09-C 54	FINISHED LEVELS PLAN-SHEET 4
CO12813.09-C 55	DRIVEWAY LONG SECTION & TYPICAL CROSS SECTION
CO12813.09-C 60	RETAINING WALL DETAILS
CO12813.09-C 61	RETAINING WALL PLAN-SHEET 1
CO12813.09-C 62	RETAINING WALL PLAN-SHEET 2
CO12813.09-C 63	RETAINING WALL PLAN-SHEET 3
C012813.09-C 64	RETAINING WALL PLAN-SHEET 4
CO12813.09-C 65	RETAINING WALL ELEVATIONS-SHEET 1
CO12813.09-C 66	RETAINING WALL ELEVATIONS-SHEET 2

GENERAL NOTES :

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND 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.
- G2 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.
- G3 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.
- 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.
- G5 UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- G6 ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF

ELECTRONIC INFORMATION NOTES:

- 1. THE ISSUED DRAWINGS IN HARD COPY OR PDF FORMAT TAKE PRECEDENCE OVER ANY ELECTRONICALLY ISSUED INFORMATION, LAYOUTS OR DESIGN MODELS.
- 2. 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.
- 3. 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.
- 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.





NOTE:

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THIS IS NOT DETAILED DESIGN.

THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE.

FOR TENDER

ISSUED FOR TENDER AMENDMENTS

nettletontribe

nettleton No Bertrership ply Ind ASRI 58 161 683 122
117 Wilesuptor Plead, Covers Nast, NSW 2365
1-412 8831 6831



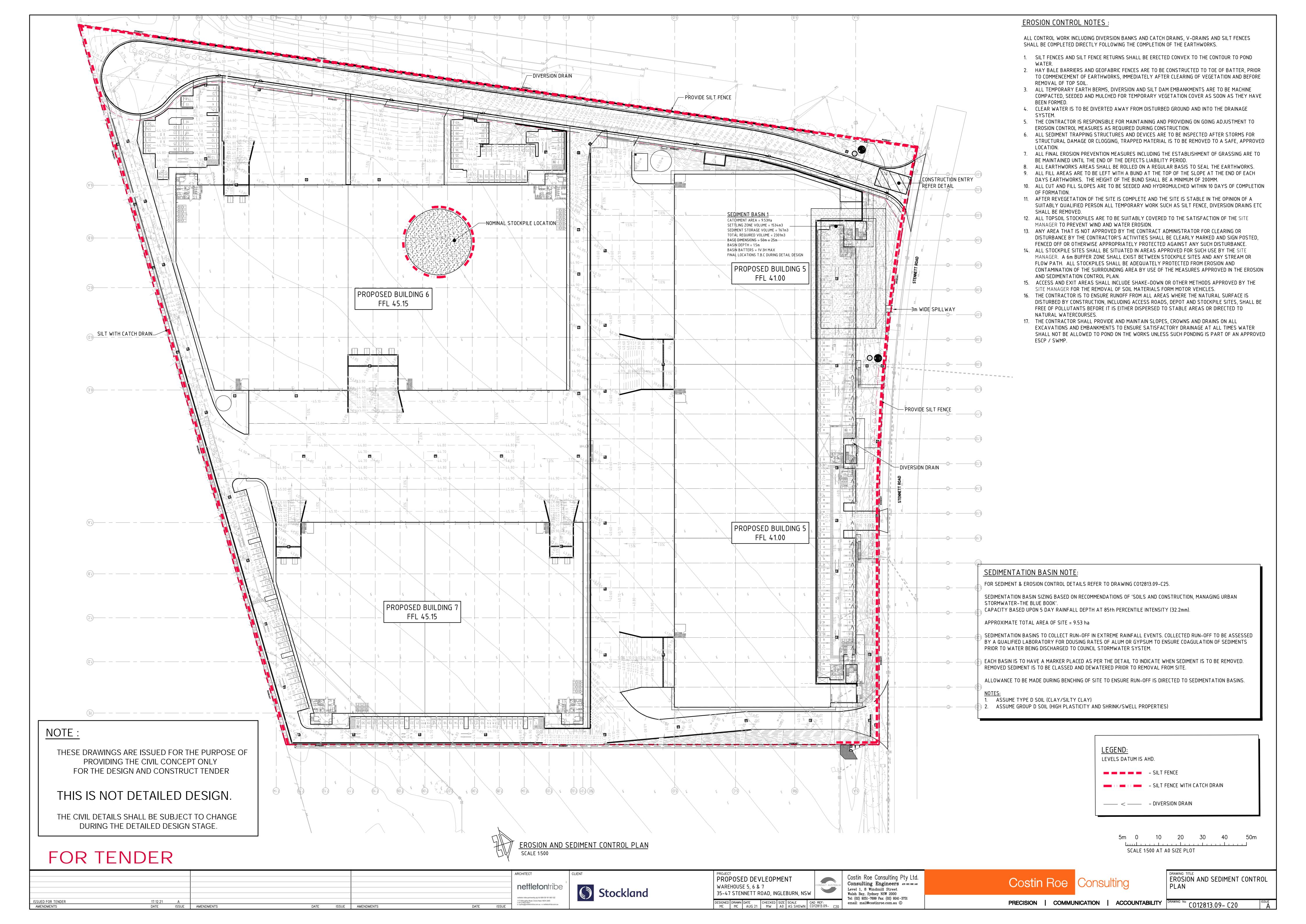


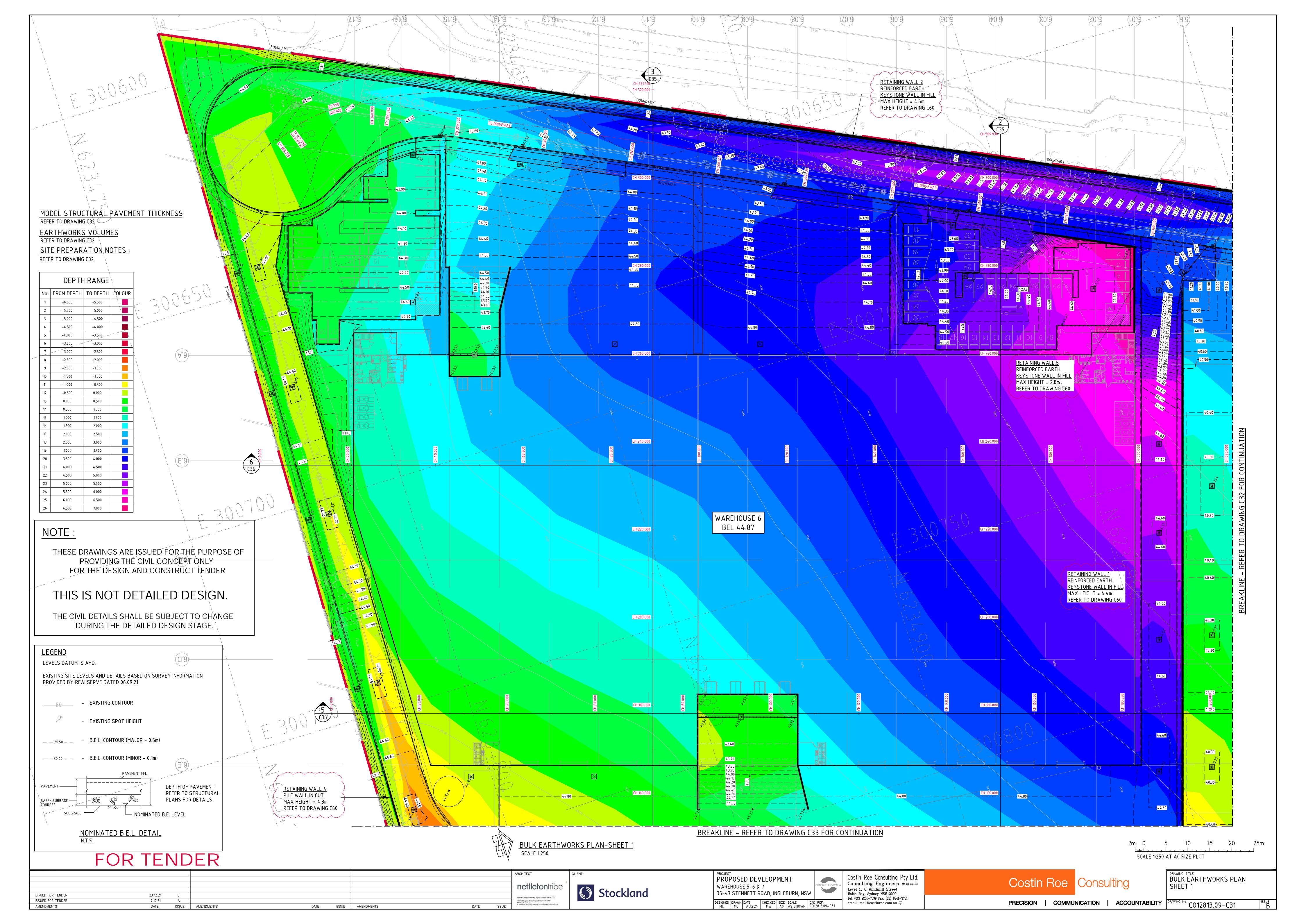


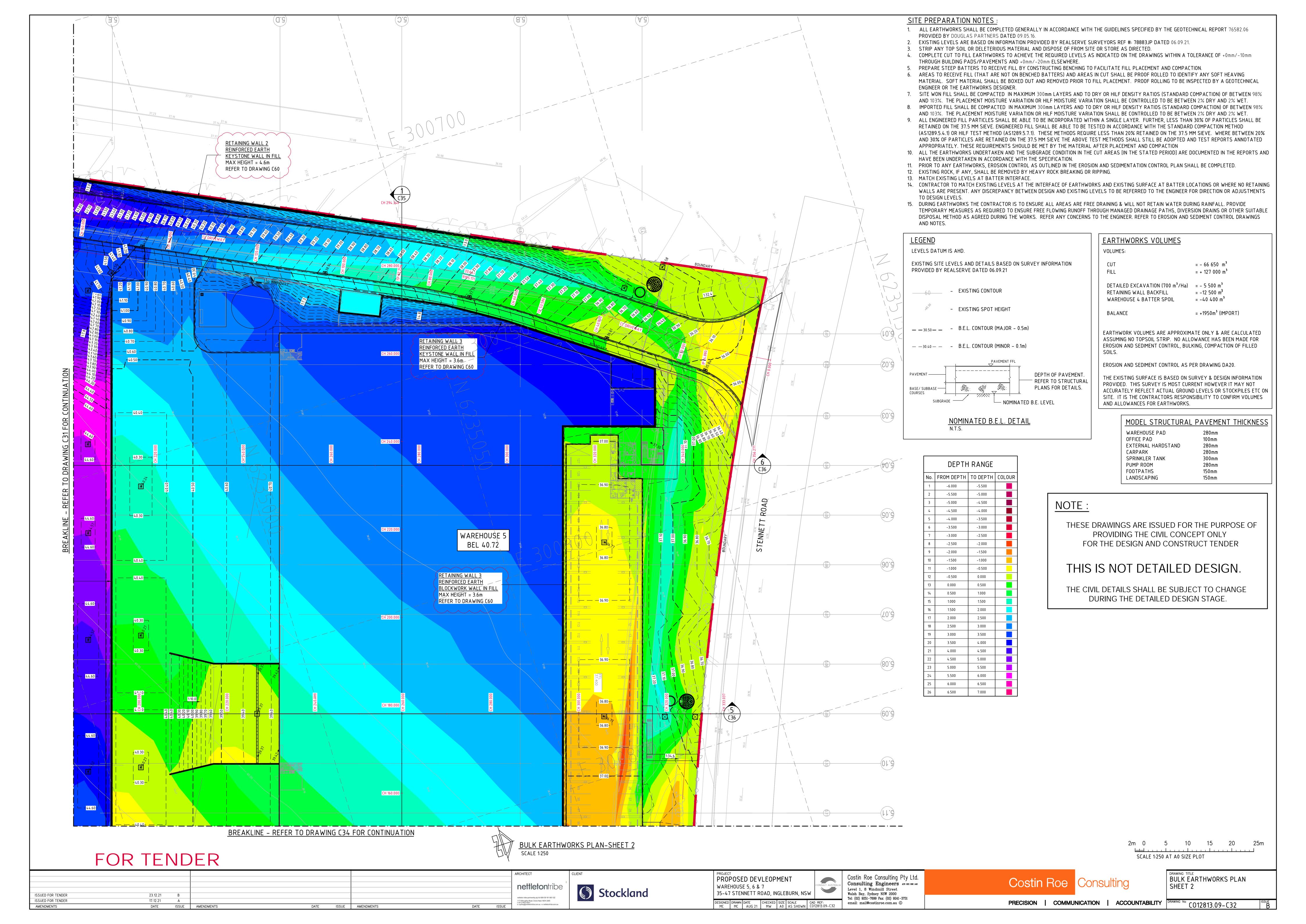


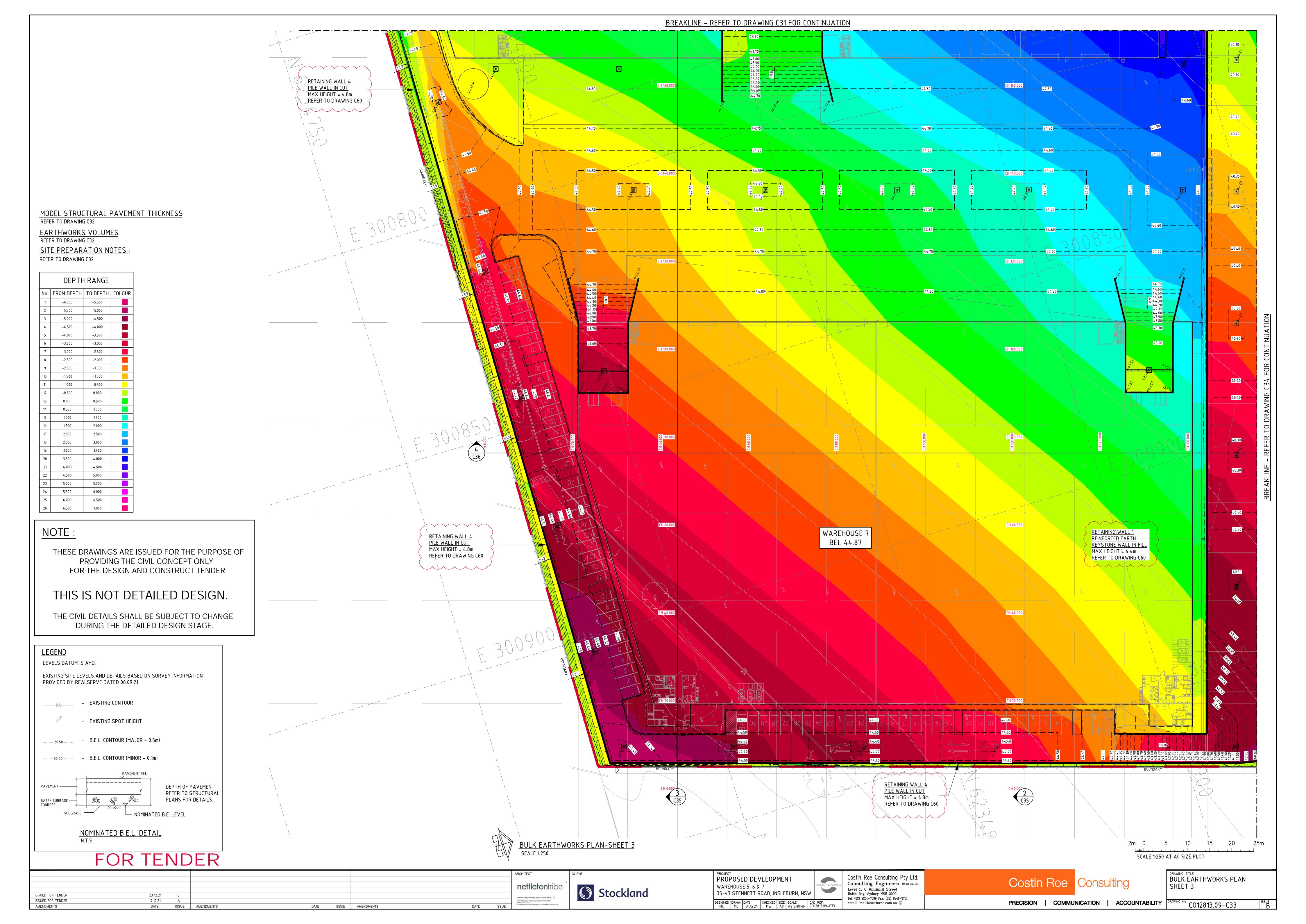


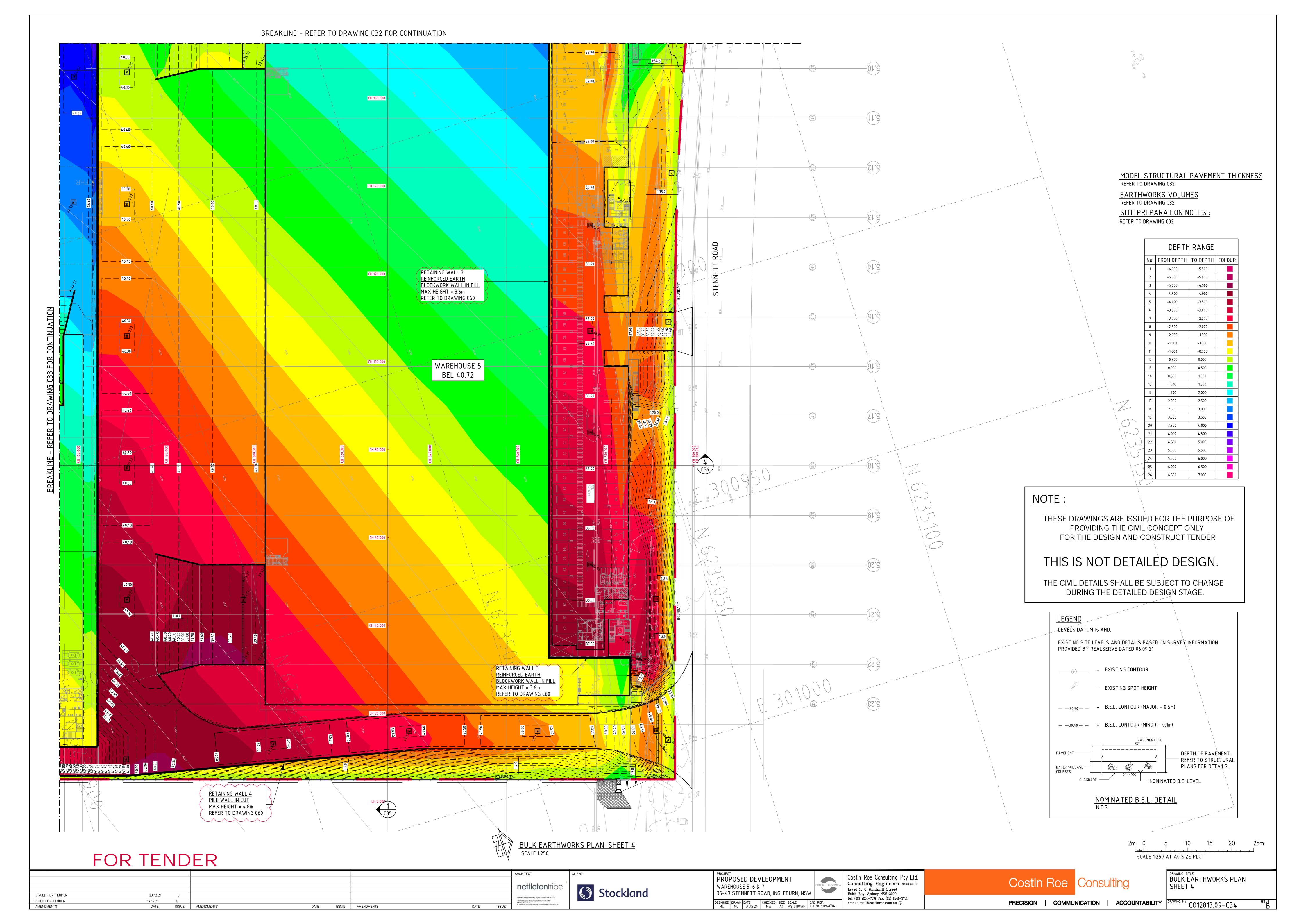


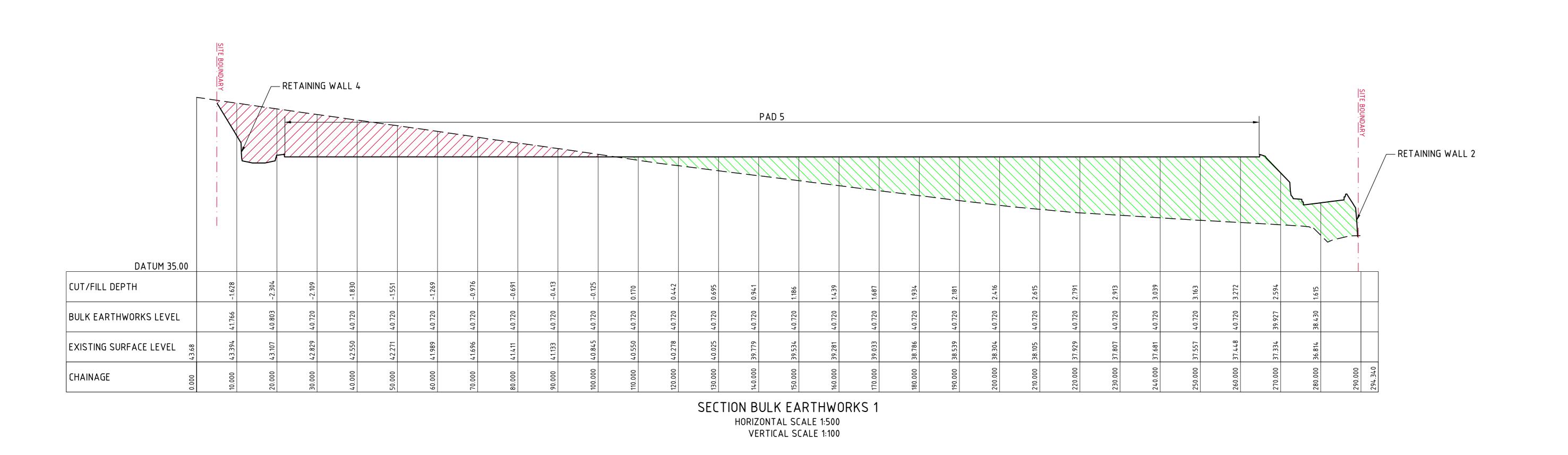


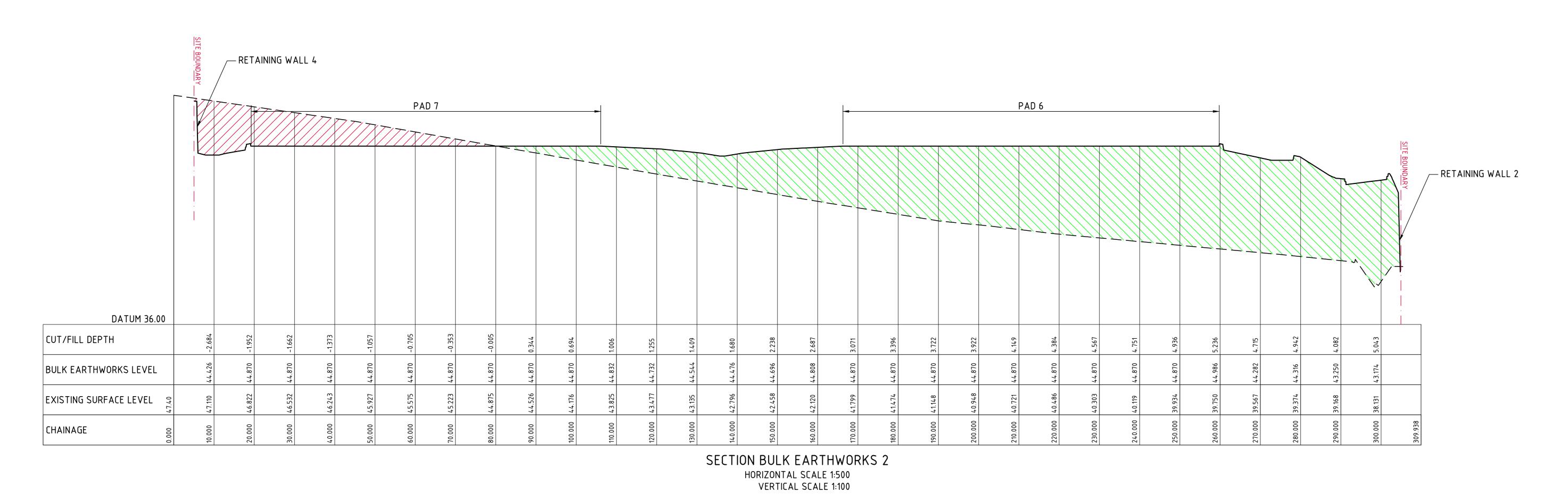


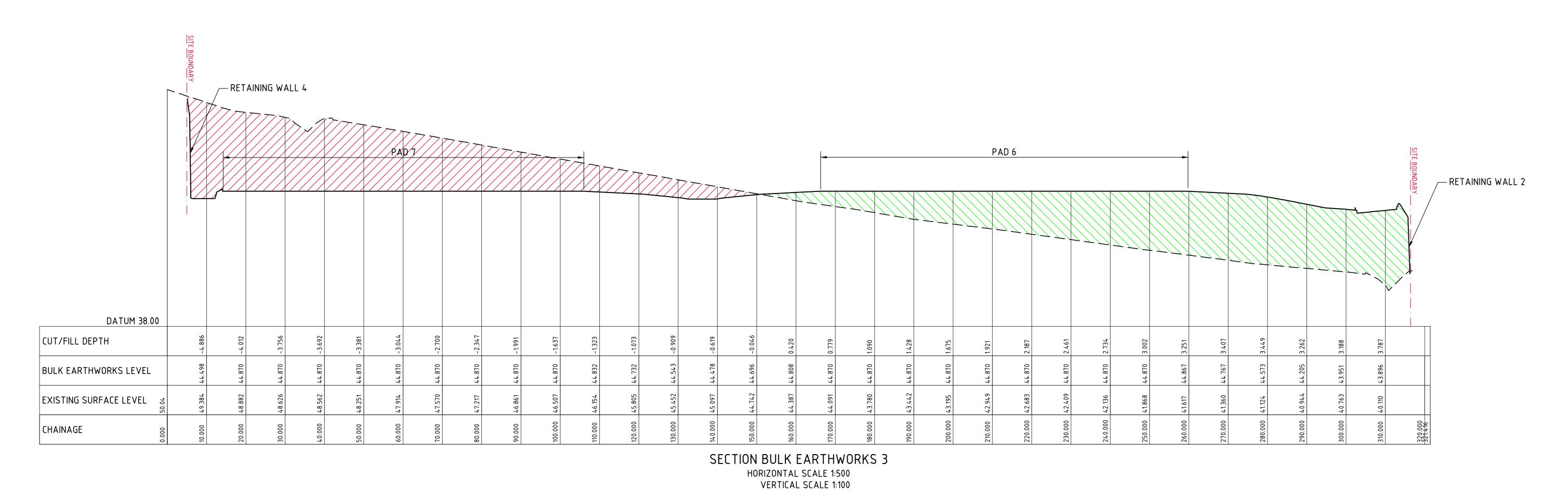












NOTE:

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LEGEND:

LEVELS DATUM IS AHD.

- BULK EARTHWORKS PROFILE

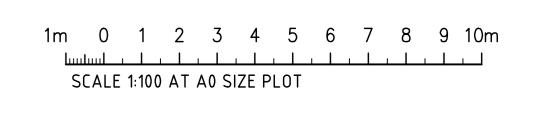
- AREA IN FILL

- AREA IN CUT

— — — — - EXISTING SURFACE PROFILE

THIS IS NOT DETAILED DESIGN.

THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE.



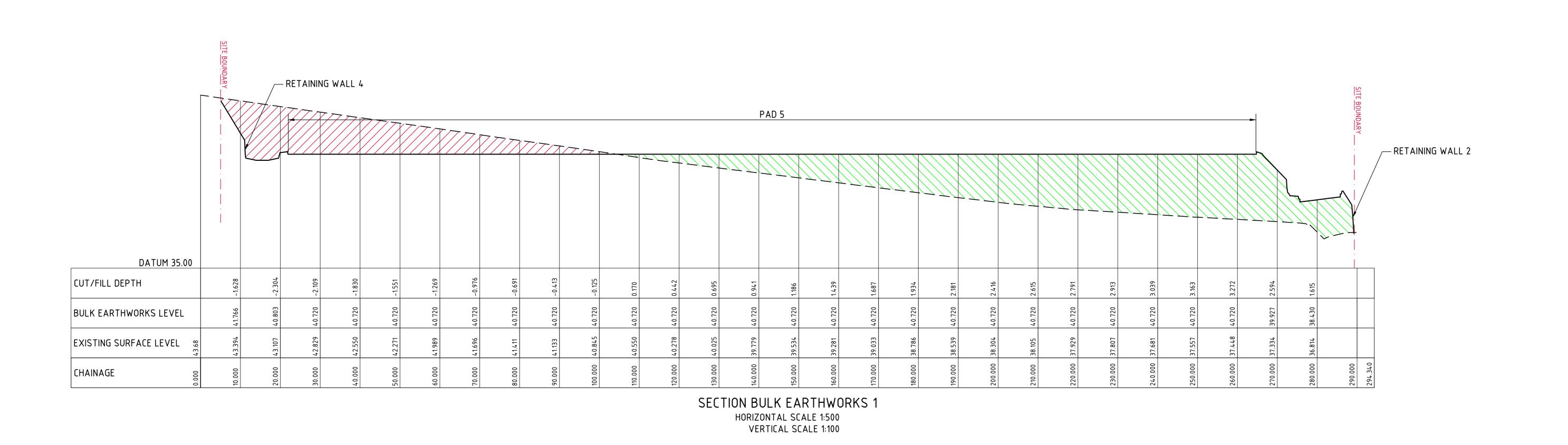
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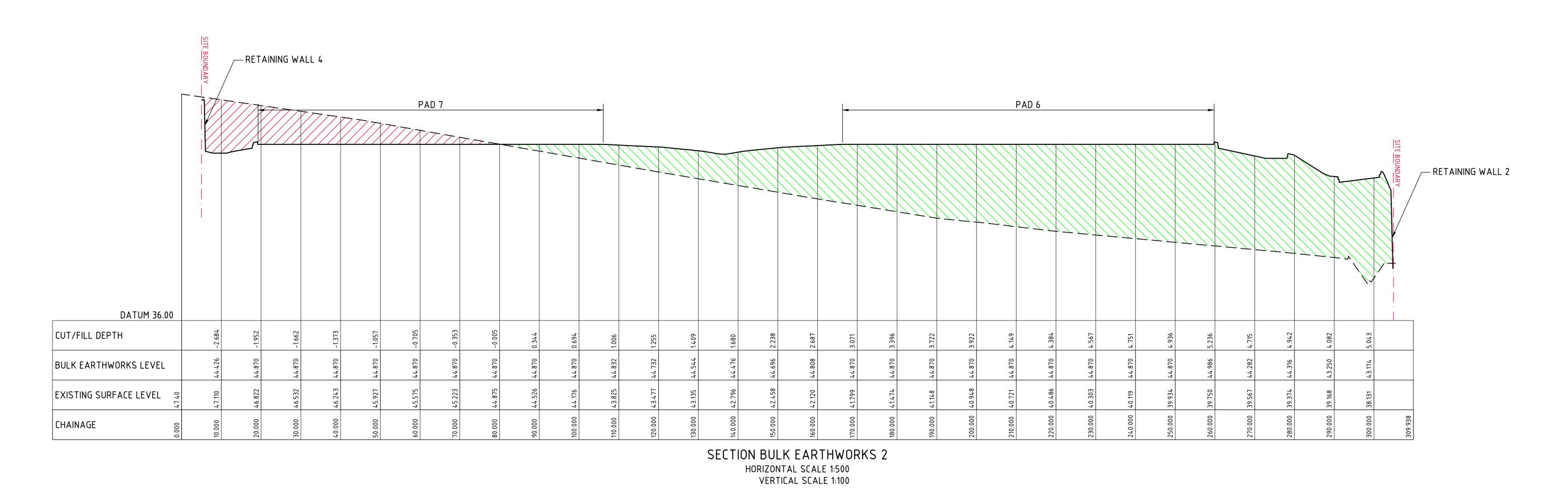
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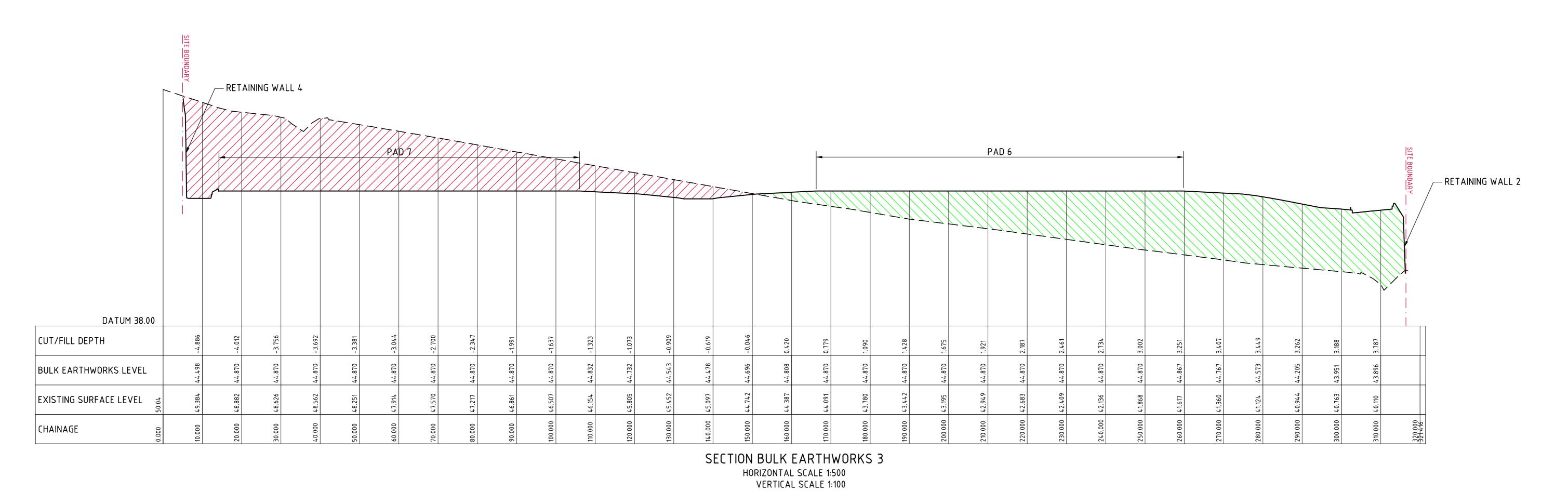
FOR TENDER

									ARCHITECT
									nettleton tribe
									Hemelonino
									nettietan tribe partnership pty hd ASN 58 161 683 122
ISSUED FOR TENDER	17.12.21	Α							117 Wildughby Road, Crows Nest, NSW 2065 t +61 2 9431 6431 e: sydney@nettetontribe.com.au -w: nettletontribe.com.au
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	e: syoneygnettetorinse.com.au v: nettetoritibe.com.au









THESE DRAWINGS ARE ISSUED FOR THE PURPOSE OF PROVIDING THE CIVIL CONCEPT ONLY FOR THE DESIGN AND CONSTRUCT TENDER

LEGEND:

LEVELS DATUM IS AHD.

- BULK EARTHWORKS PROFILE

- AREA IN FILL

- AREA IN CUT

— — — — - EXISTING SURFACE PROFILE

THIS IS NOT DETAILED DESIGN.

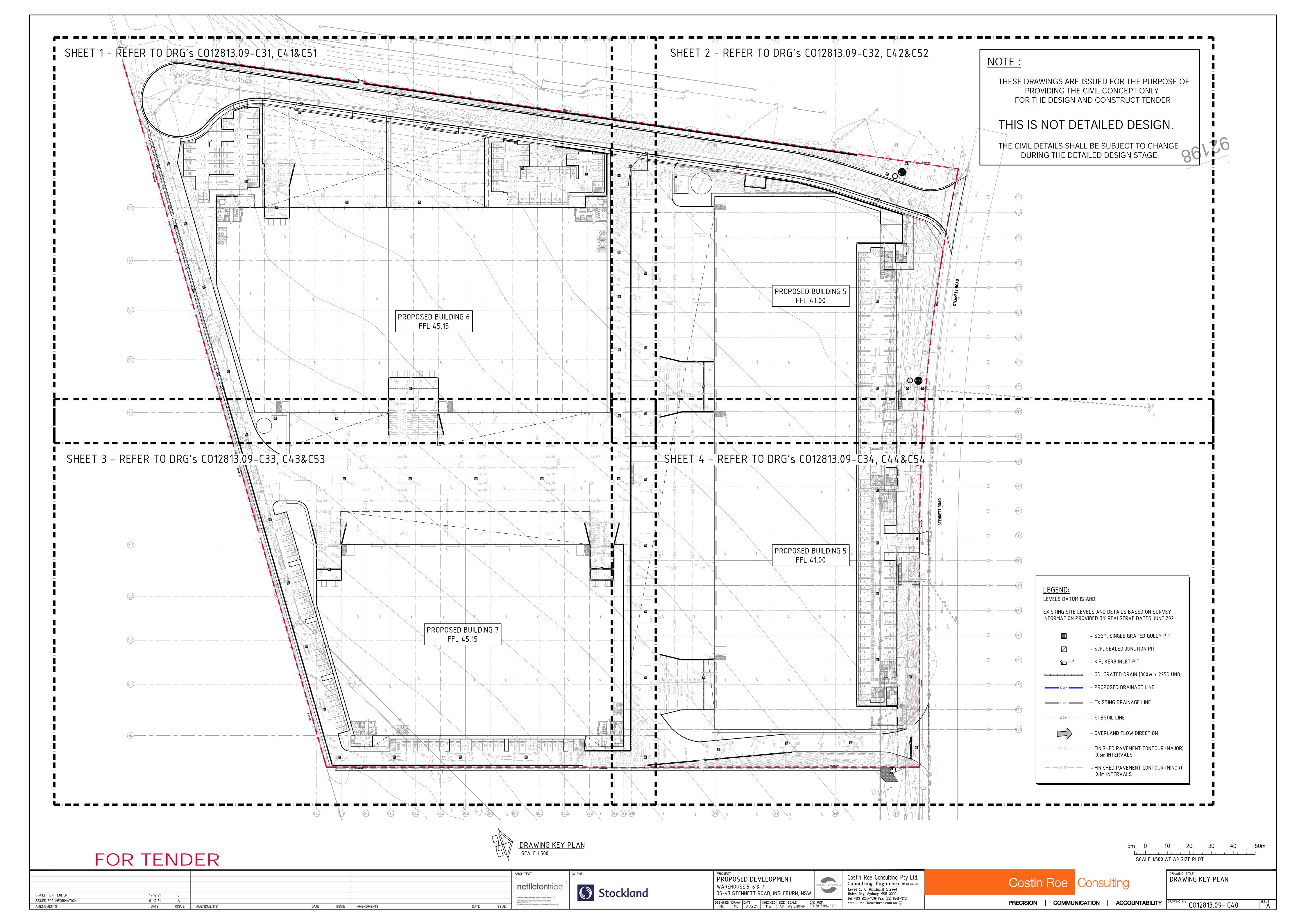
THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE.

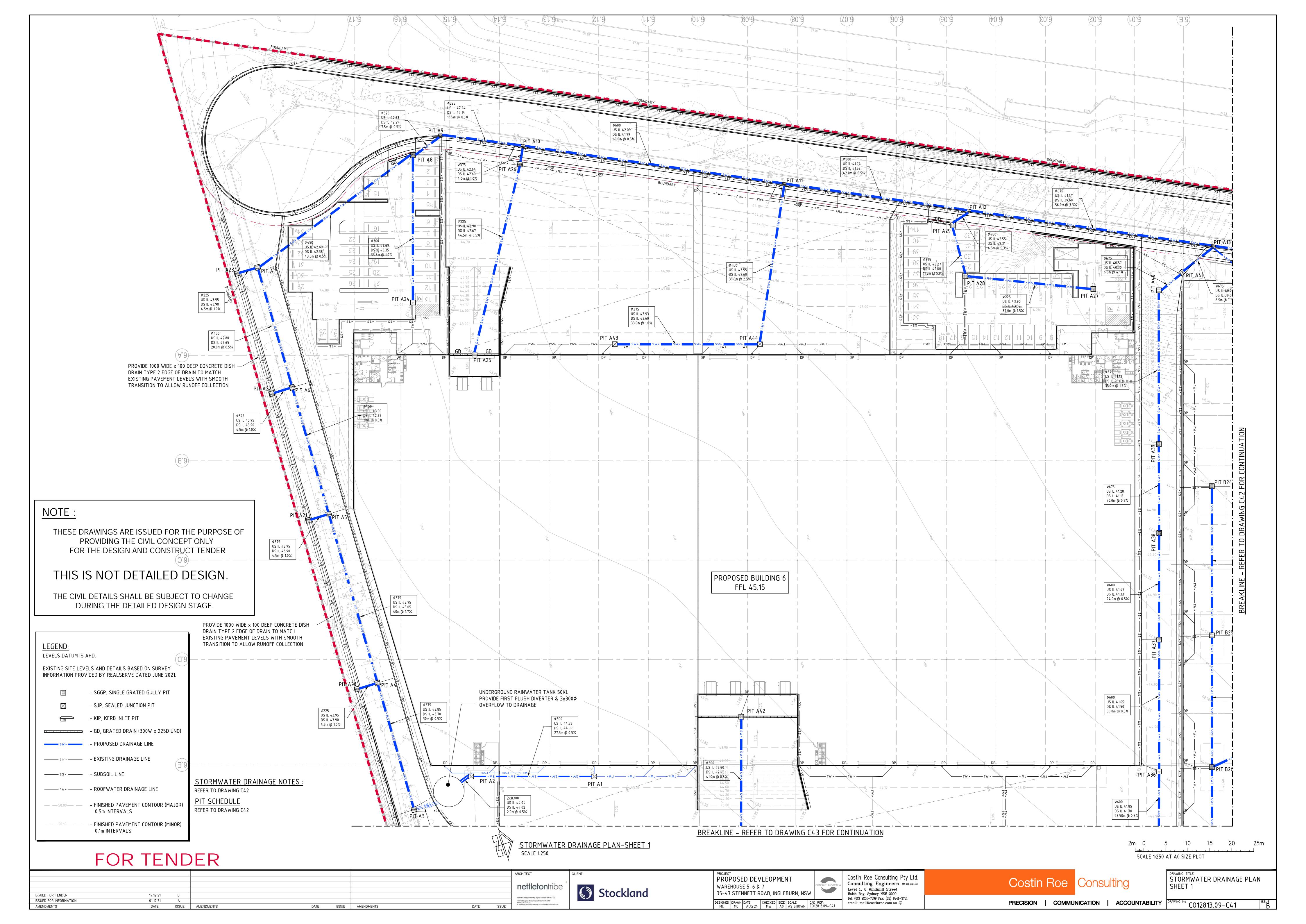
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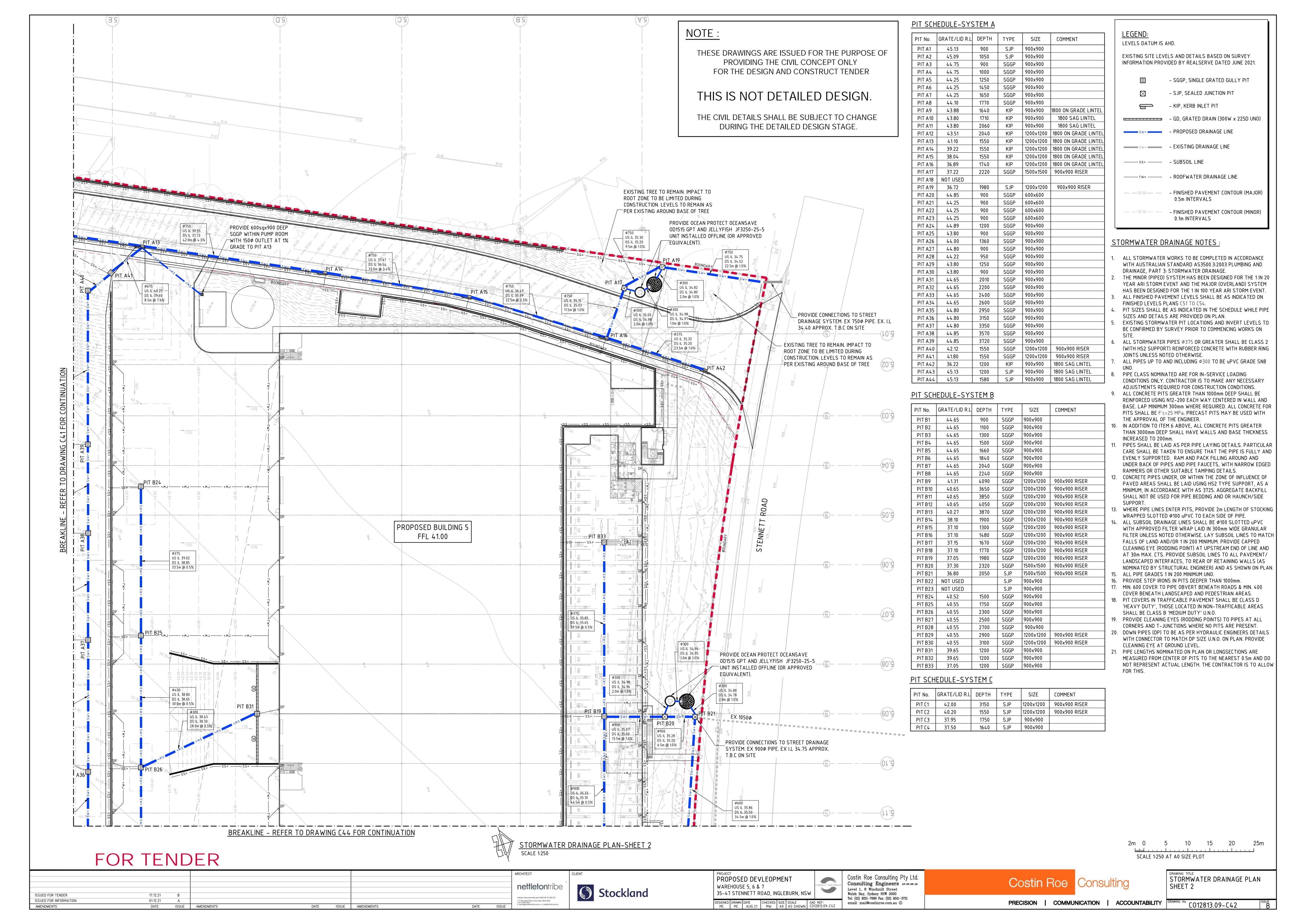
FOR TENDER

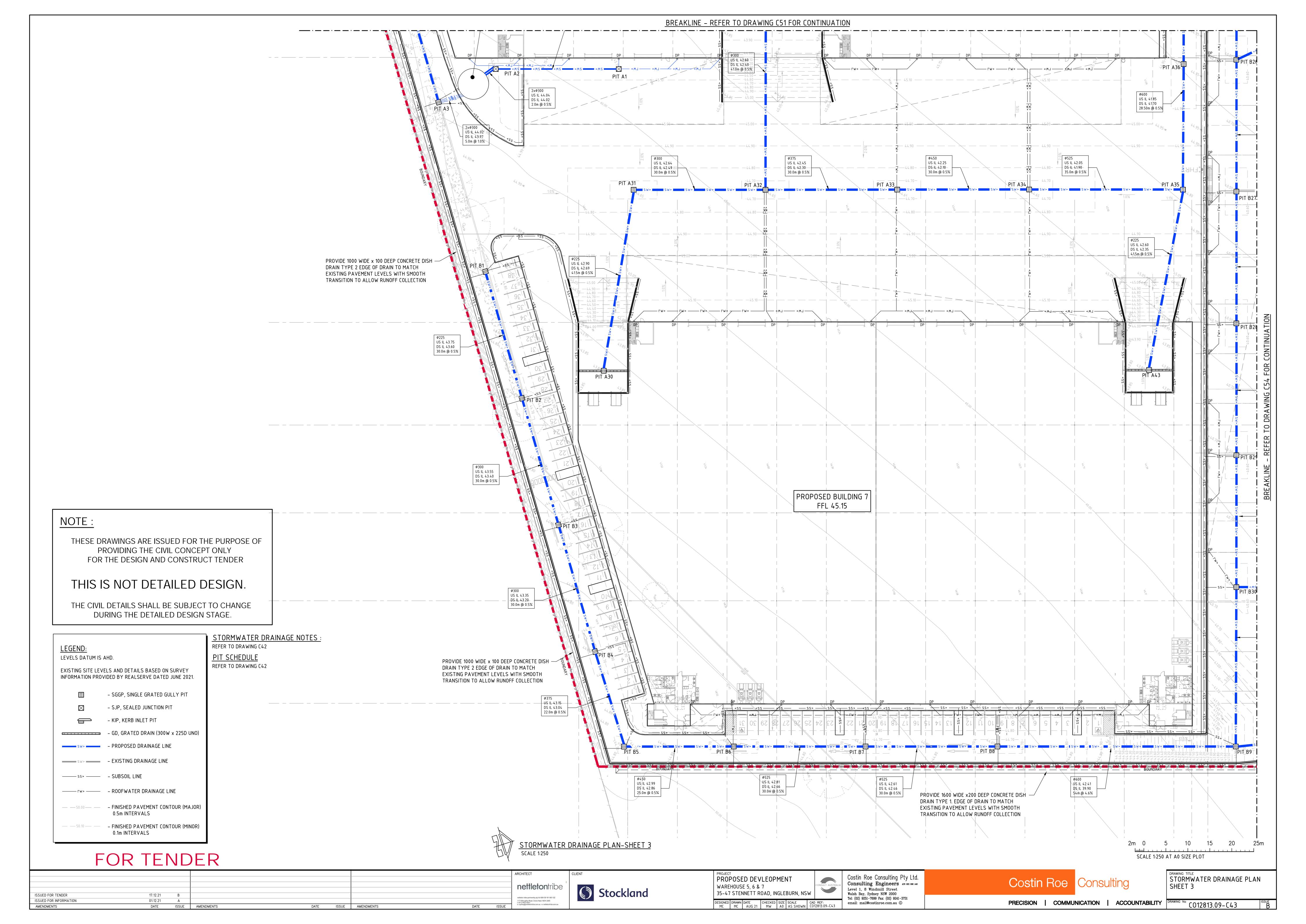
									ARCHITECT
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									nettietan tribe partnership pty hd ASN 58 161 683 122
SSUED FOR TENDER	17.12.21	Α							117 Willoughby Road, Crows Nest, NSW 2065 1-4112 9421 6421 e. sydney@netfetorkibe.com.au w. netfetorkibe.com.au
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	e. sychey@netTetortribe.com.au v: netTetortribe.com.au

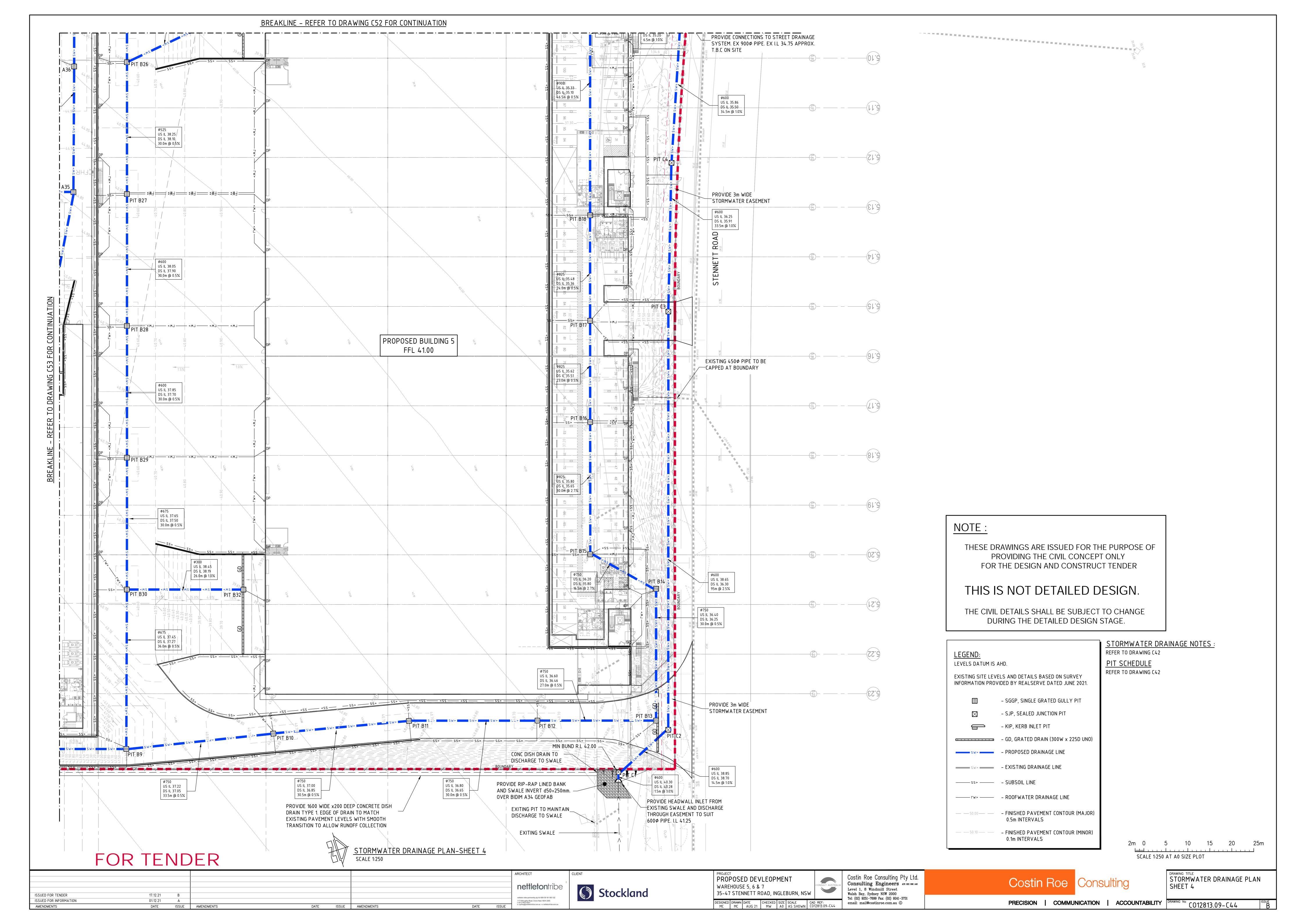


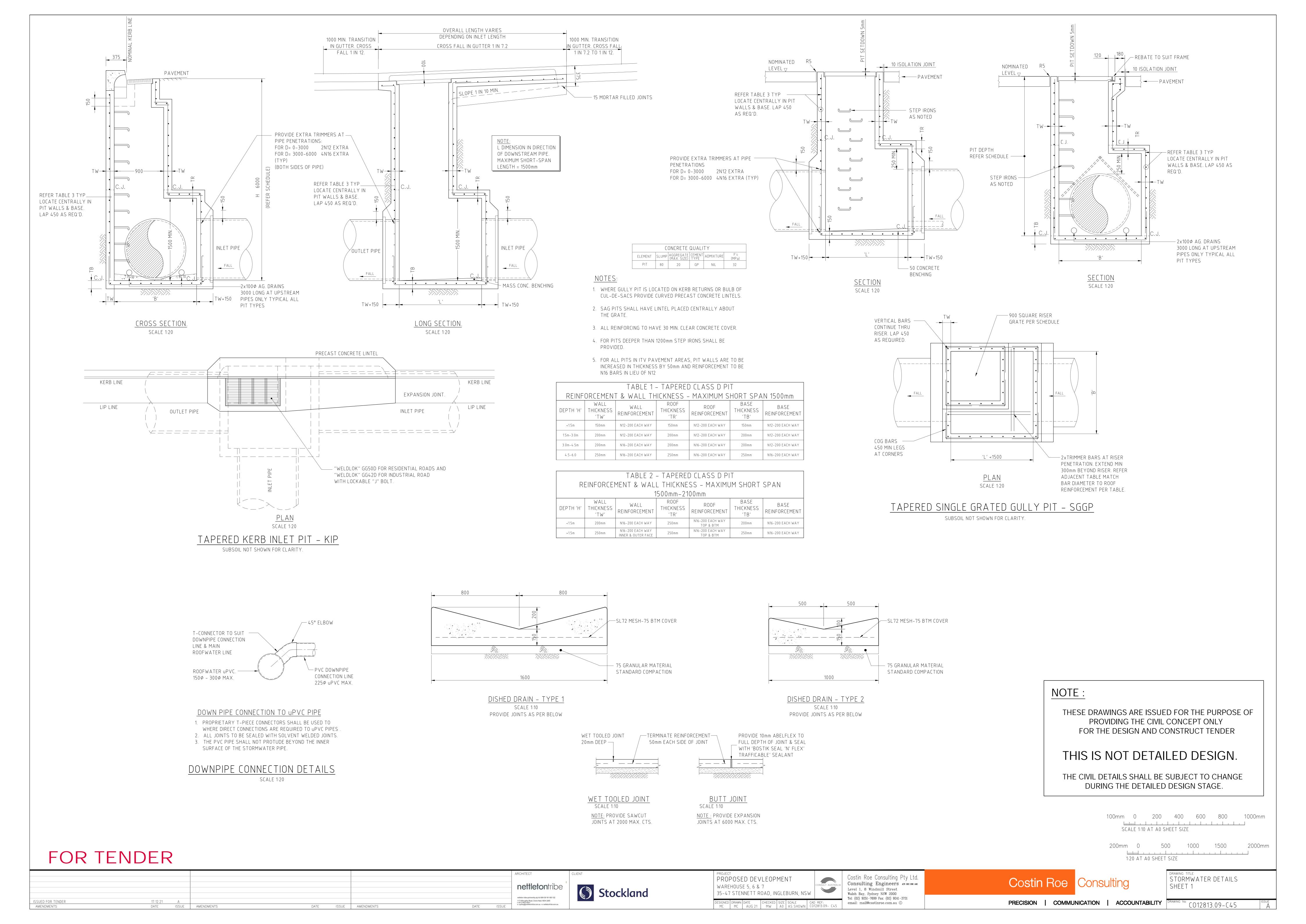


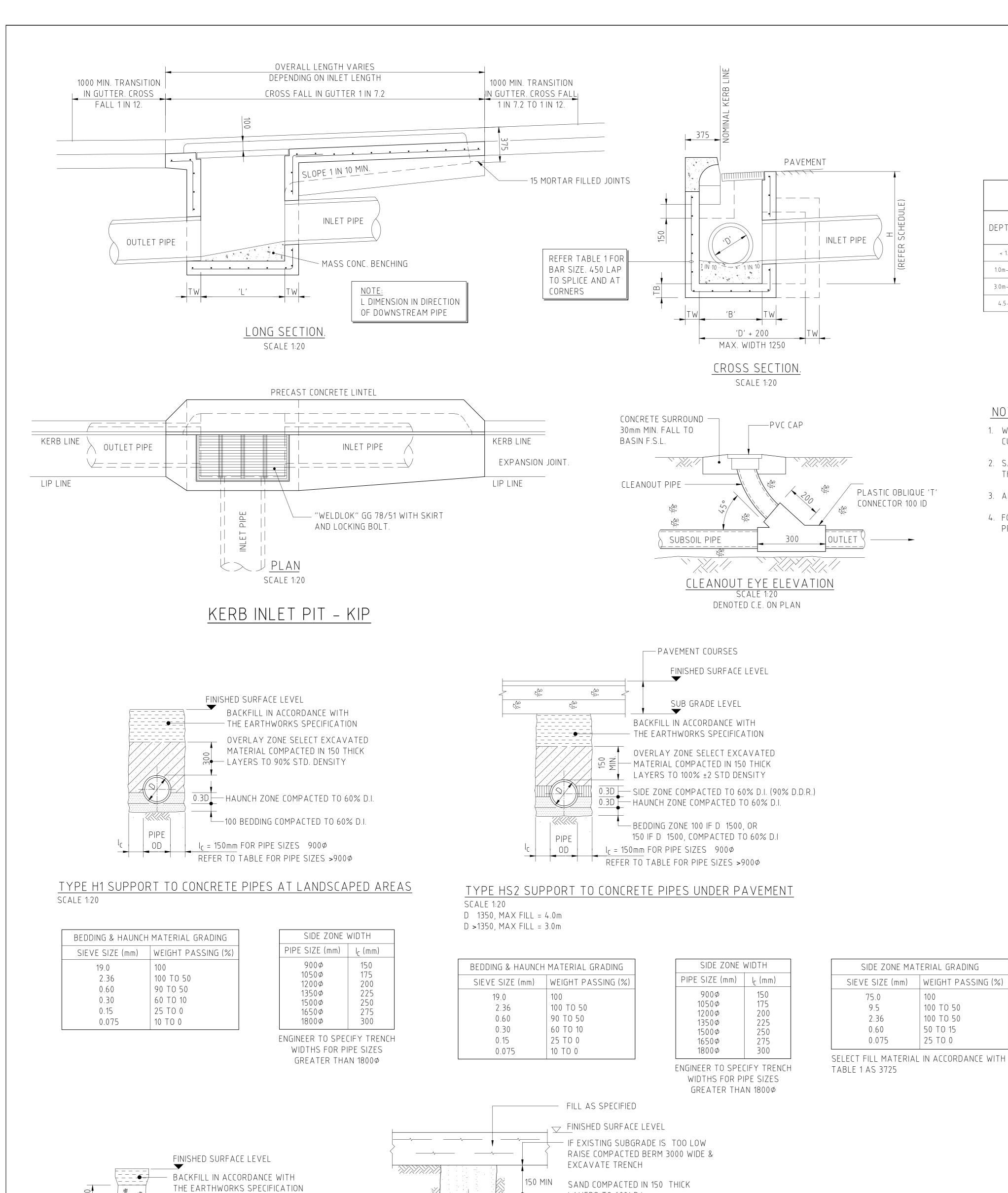










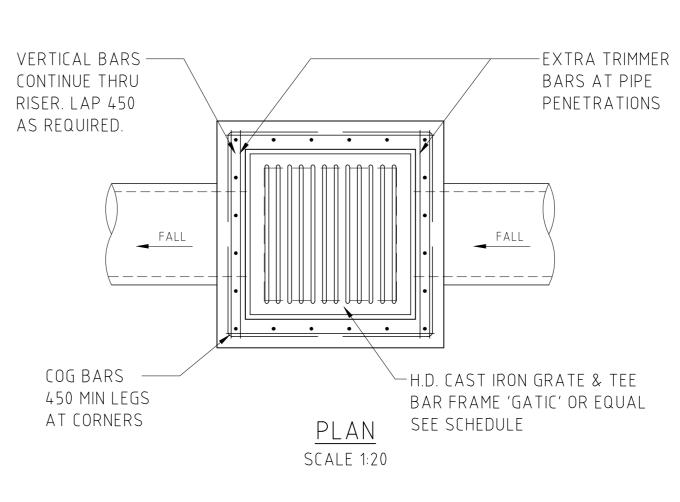


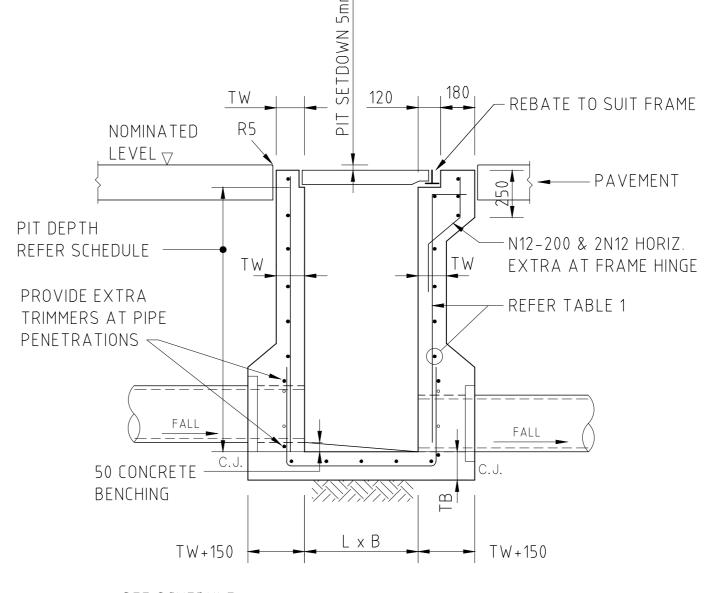


CONCRETE QUALITY ELEMENT SLUMP AGGREGATE CEMENT ADMIXTURE F'C (MPa) PIT 80 20 GP NIL 32

PROVIDED.

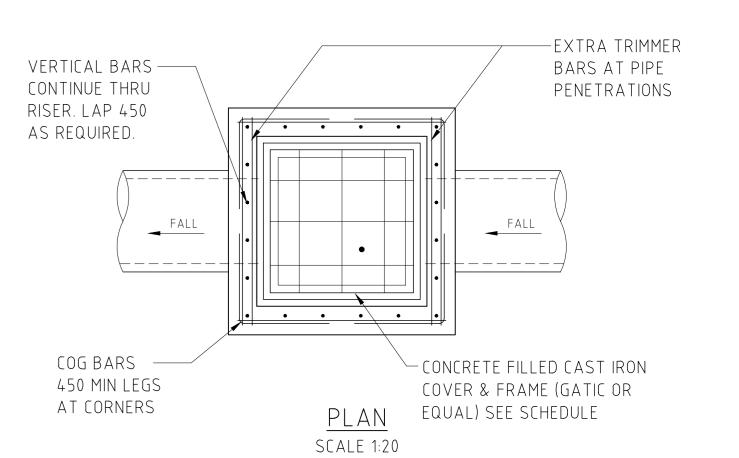
- 1. WHERE GULLY PIT IS LOCATED ON KERB RETURNS OR BULB OF CUL-DE-SACS PROVIDE CURVED PRECAST CONCRETE LINTELS.
- 2. SAG PITS SHALL HAVE LINTEL PLACED CENTRALLY ABOUT THE GRATE.
- 3. ALL REINFORCING TO HAVE 30 MIN. CLAER CONCRETE COVER.
- 4. FOR PITS DEEPER THAN 1200mm CLIMB RAILS SHALL BE

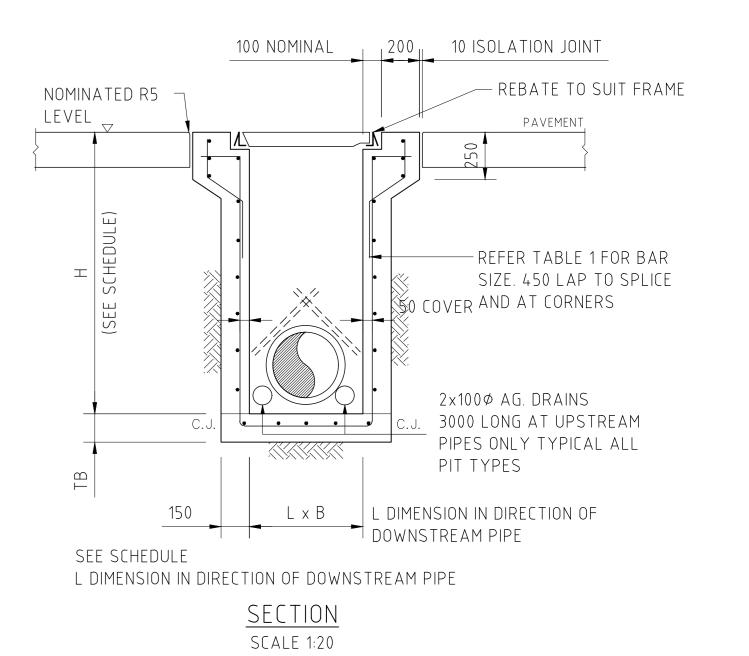




SEE SCHEDULE L DIMENSION IN DIRECTION OF DOWNSTREAM PIPE SCALE 1:20

SINGLE GRATED GULLY PIT - SGGP





SEALED PIT - SP

NOTE:

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> 100mm 0 200 400 600 800 1000mm SCALE 1:10 AT AO SHEET SIZE 200mm 0 500 1000 1500 2000mm

SCALE 1:20 AT AO SHEET SIZE

FOR TENDER

300 NOM.

SCALE 1:20

SUPPORT TO AGRICULTURAL DRAIN

FOR USE UNDER CAR PARK PAVEMENTS/LANDSCAPED AREAS

19mm GRAVEL 90% RETAINED ON 9.5 SEIVE

90 DIA. SLOTTED PIPE LAID

ON TRENCH BOTTOM

17.12.21 A

DATE ISSUE AMENDMENTS 117 Willoughby Road, Crows Nest, NSW 2065 t+612 94216421 e: sydney@nettetorkibe.com.au w: nettetortribe.com.au ISSUED FOR TENDER
AMENDMENTS DATE ISSUE AMENDMENTS

'200' PIPE '200'

SUPPORT TO uPVC PIPES

___ LAYERS TO 60% D.I

75 SAND BEDDING COMPACTED TO 60% D.I



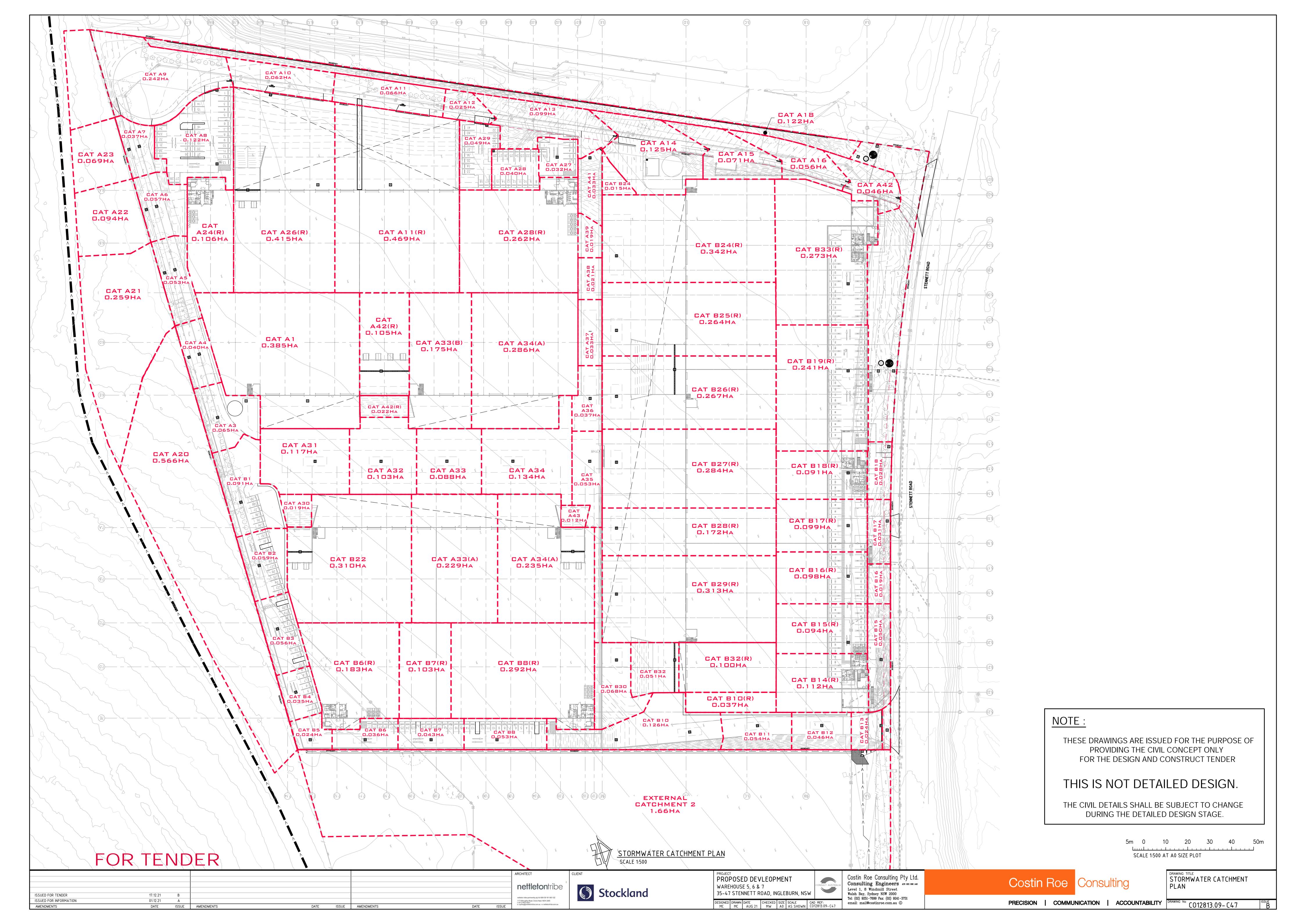


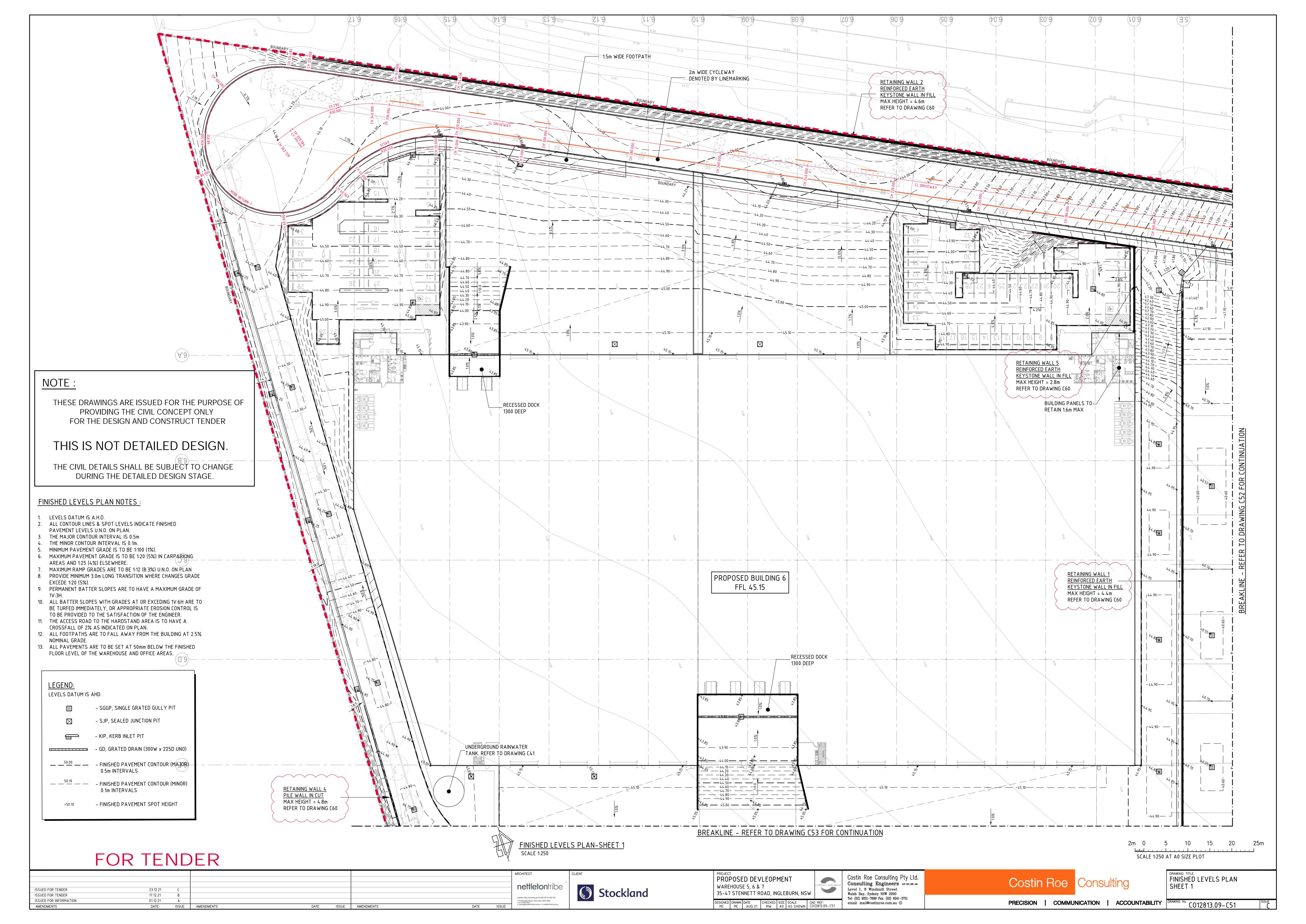


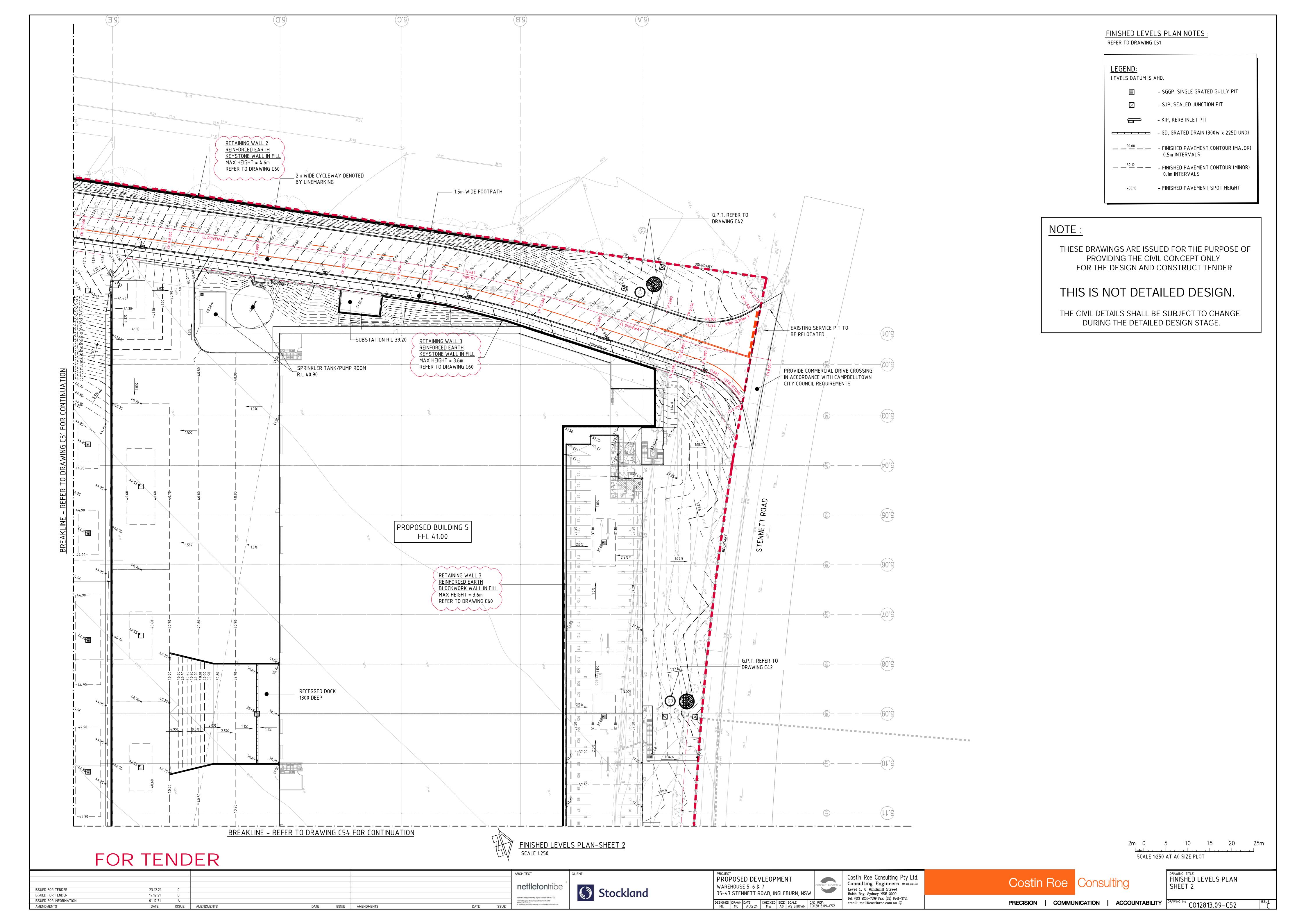


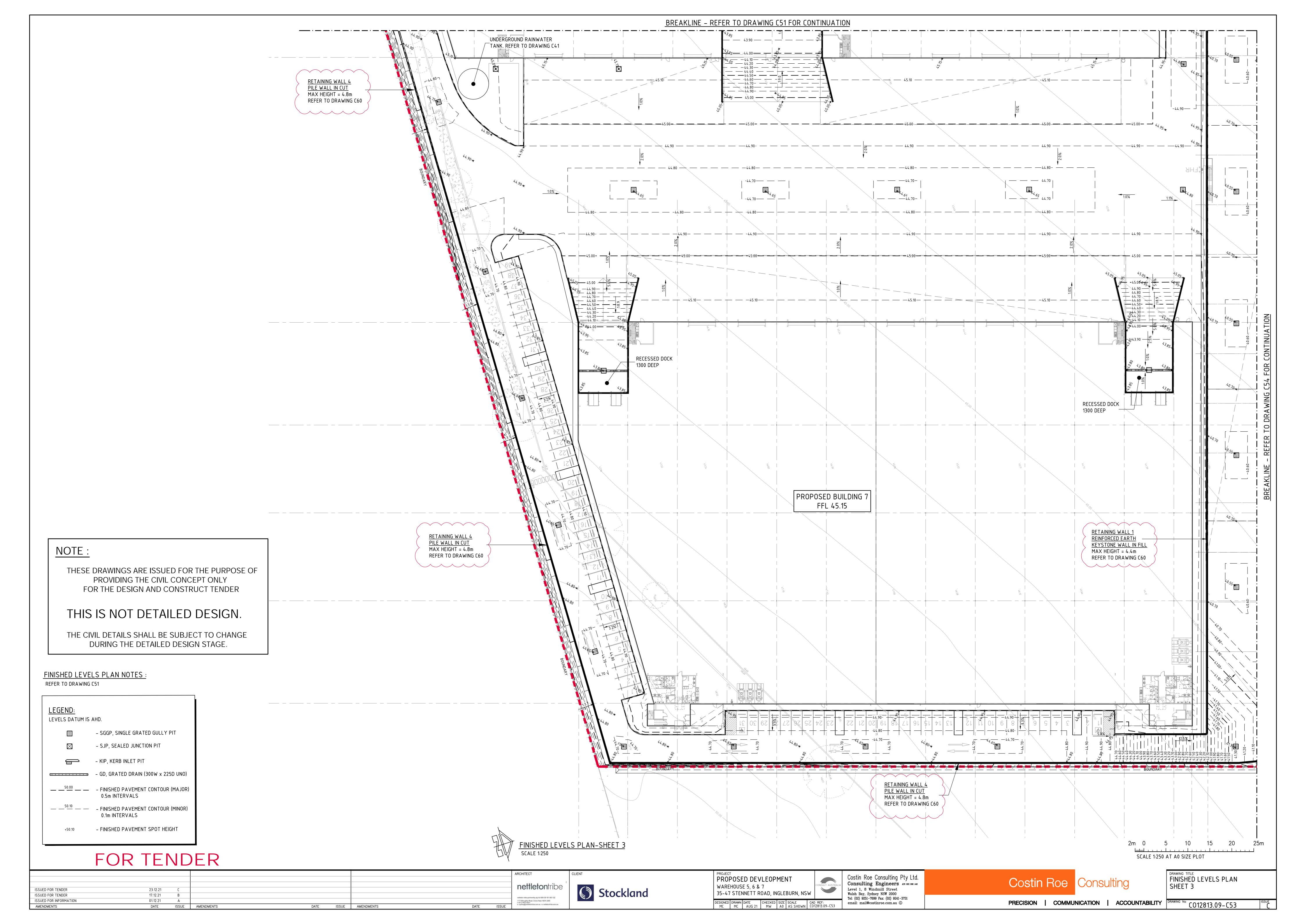


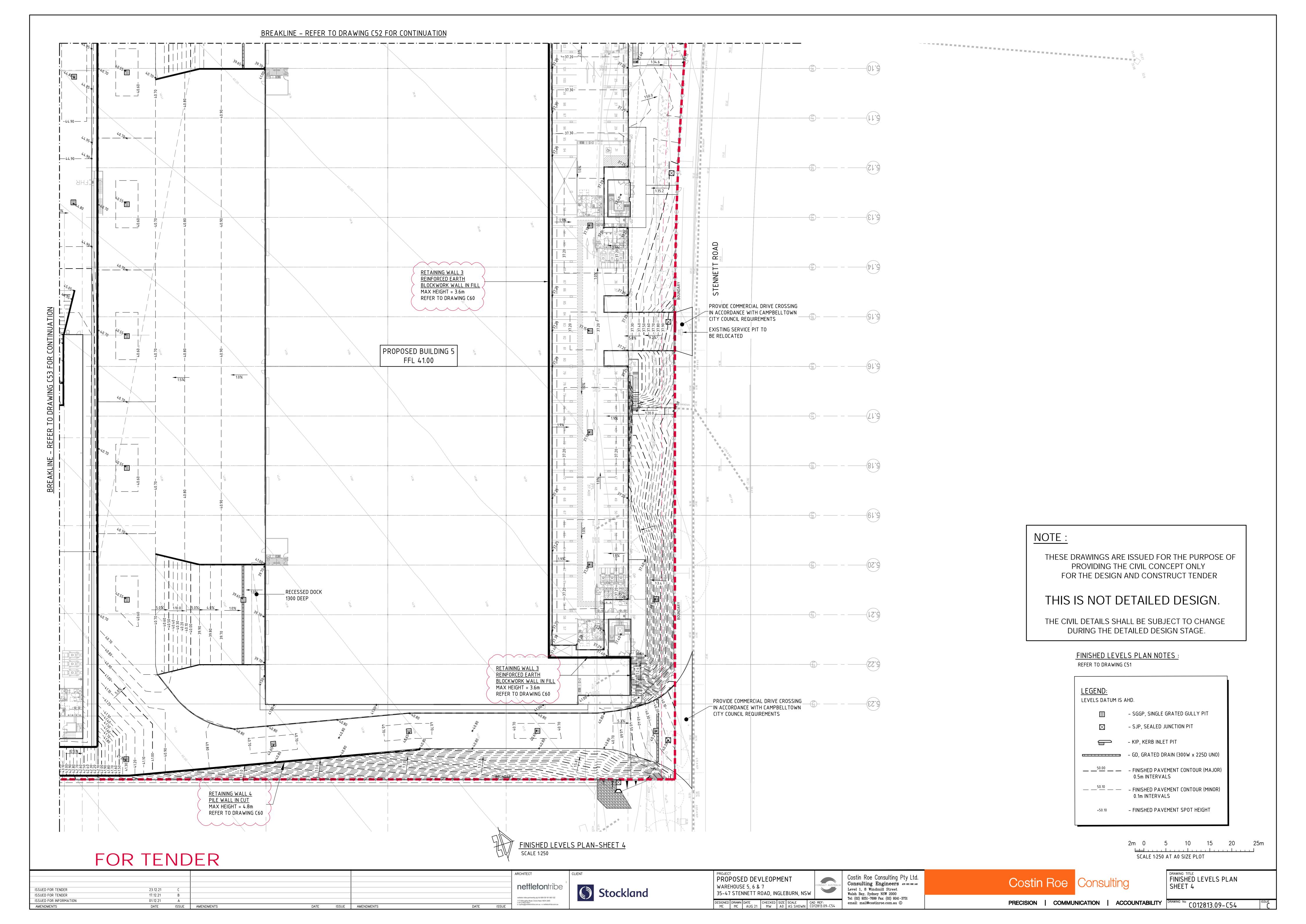


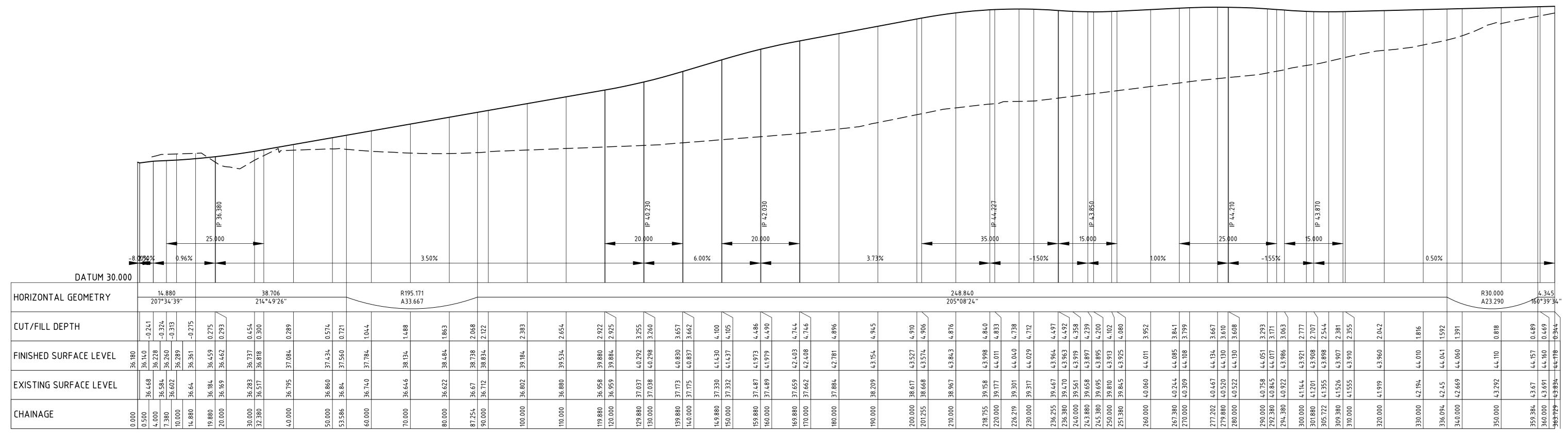




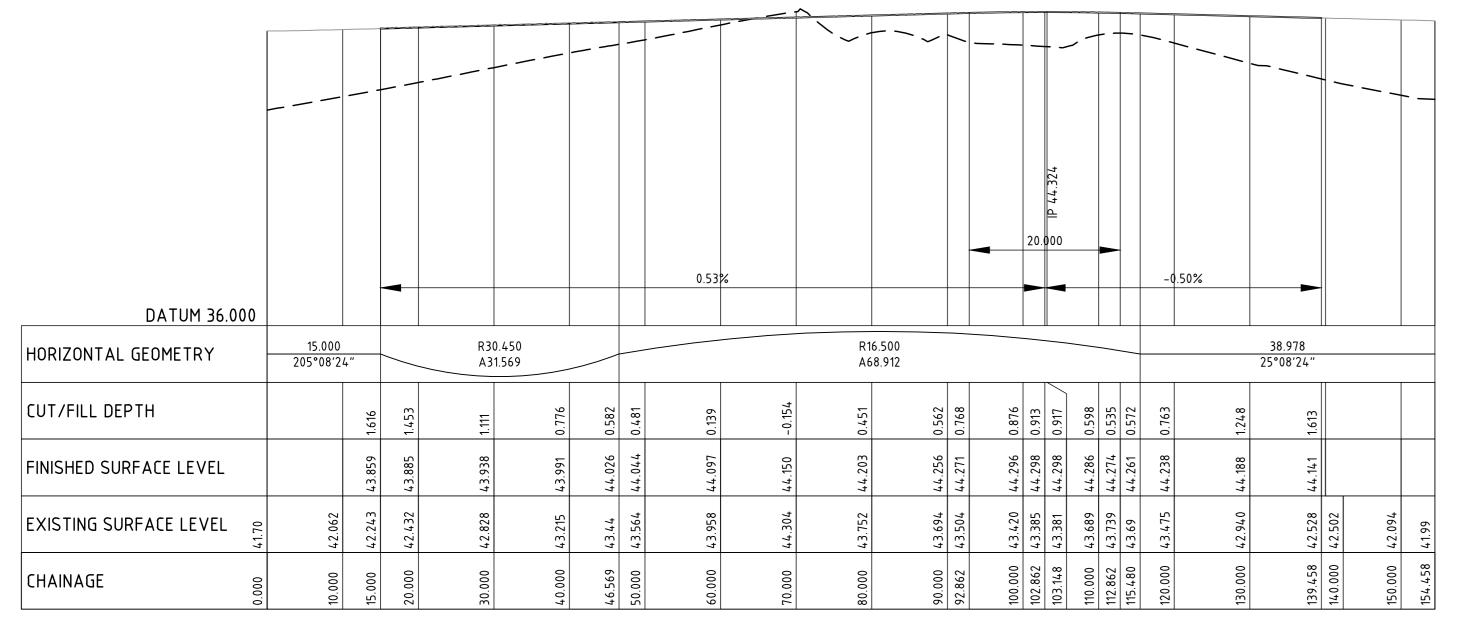




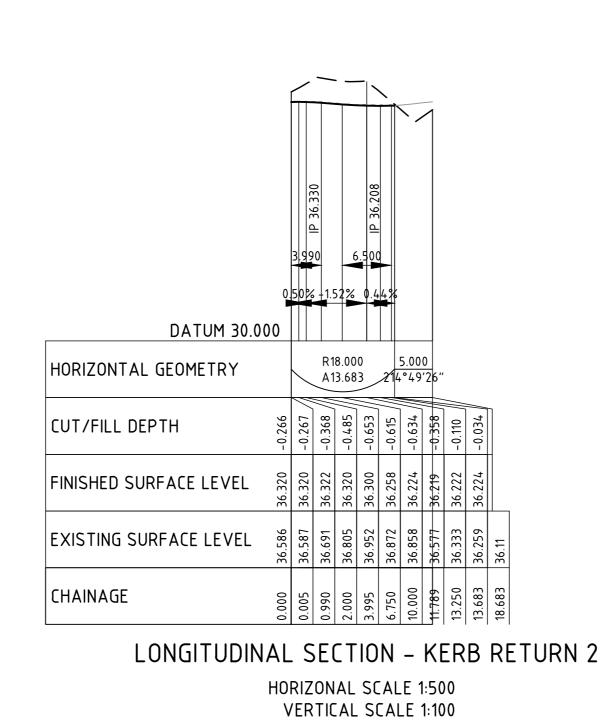


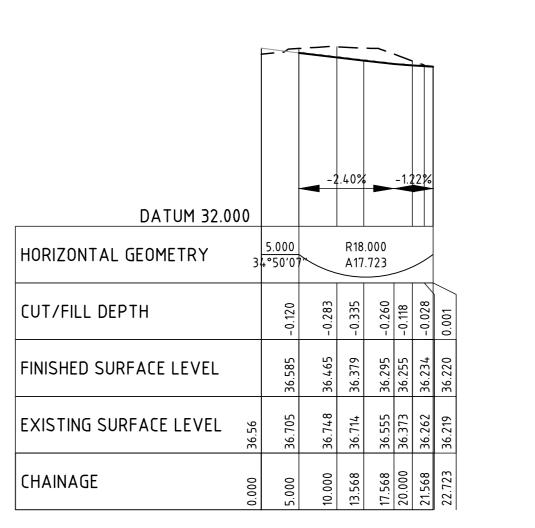


LONGITUDINAL SECTION - CL DRIVEWAY HORIZONAL SCALE 1:500 **VERTICAL SCALE 1:100**



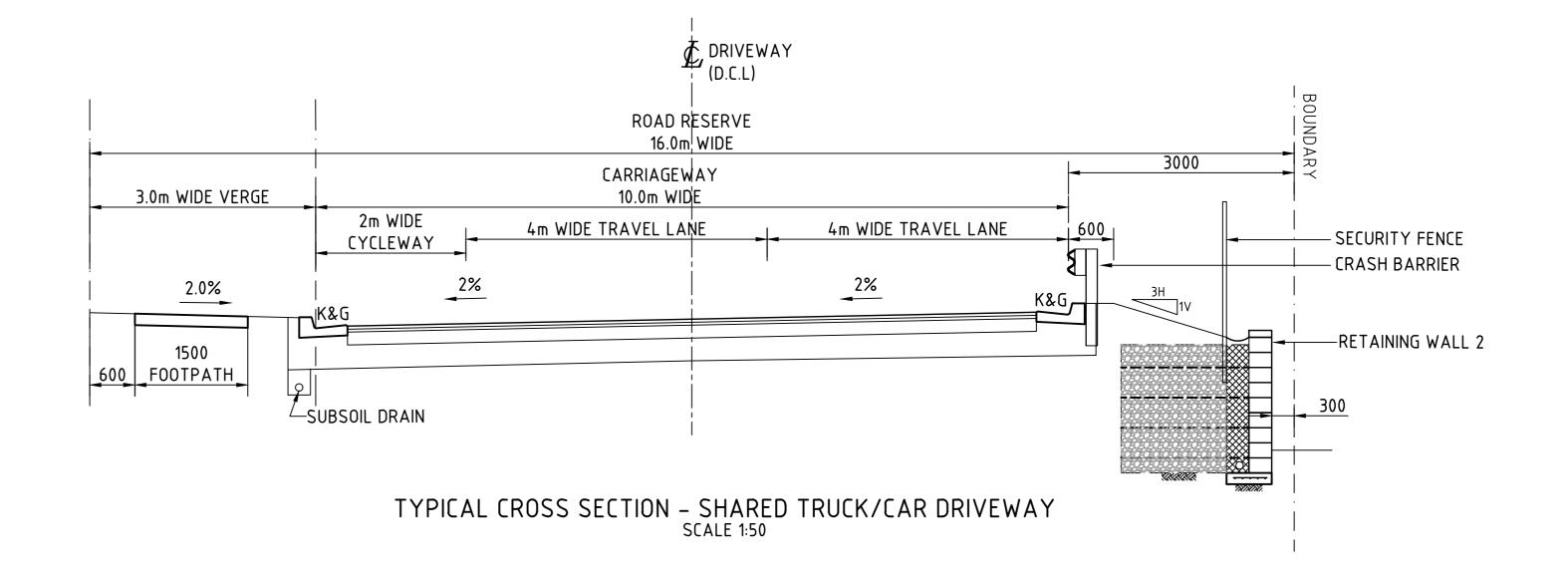
LONGITUDINAL SECTION - KERB RETURN 1 HORIZONAL SCALE 1:500 **VERTICAL SCALE 1:100**





LONGITUDINAL SECTION - KERB RETURN 3 HORIZONAL SCALE 1:500

VERTICAL SCALE 1:100



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FOR TENDER

									ARCHITECT	1
									nettleton tribe	
									Tierrie lor in toe	
ISSUED FOR TENDER	17.12.21	В							netteton tribe partnership ptv ltd ASN 58 161 683 122	
ISSUED FOR INFORMATION	01.12.21	Α							117 Willoughby Road, Crows Nest, NSW 2865 t+612 9421 6421 c. sychey@nettetontribe.com.au w: nettetontribe.com.au	
AMENDMENTS	DATE	ISSLIF	AMENDMENTS	DATE	ISSLIF	AMENDMENTS	DATE	ISSLIF	e: sydnay@netfetortribe.com.au w: netfetortribe.com.au	1

Stockland

Costin Roe Consulting Pty Ltd.
Consulting Engineers
Level 1, 8 Windmill Street
Walsh Bay, Sydney NSW 2000
Tel: (02) 9251-7699 Fax: (02) 9241-3731
email: mail@costinroe.com.au © PROPOSED DEVLEOPMENT WAREHOUSE 5, 6 & 7 35-47 STENNETT ROAD, INGLEBURN, NSW

Costin Roe Consulting

ACCESS DRIVEWAY LONG SECTION
AND TYPICAL CROSS SECTION

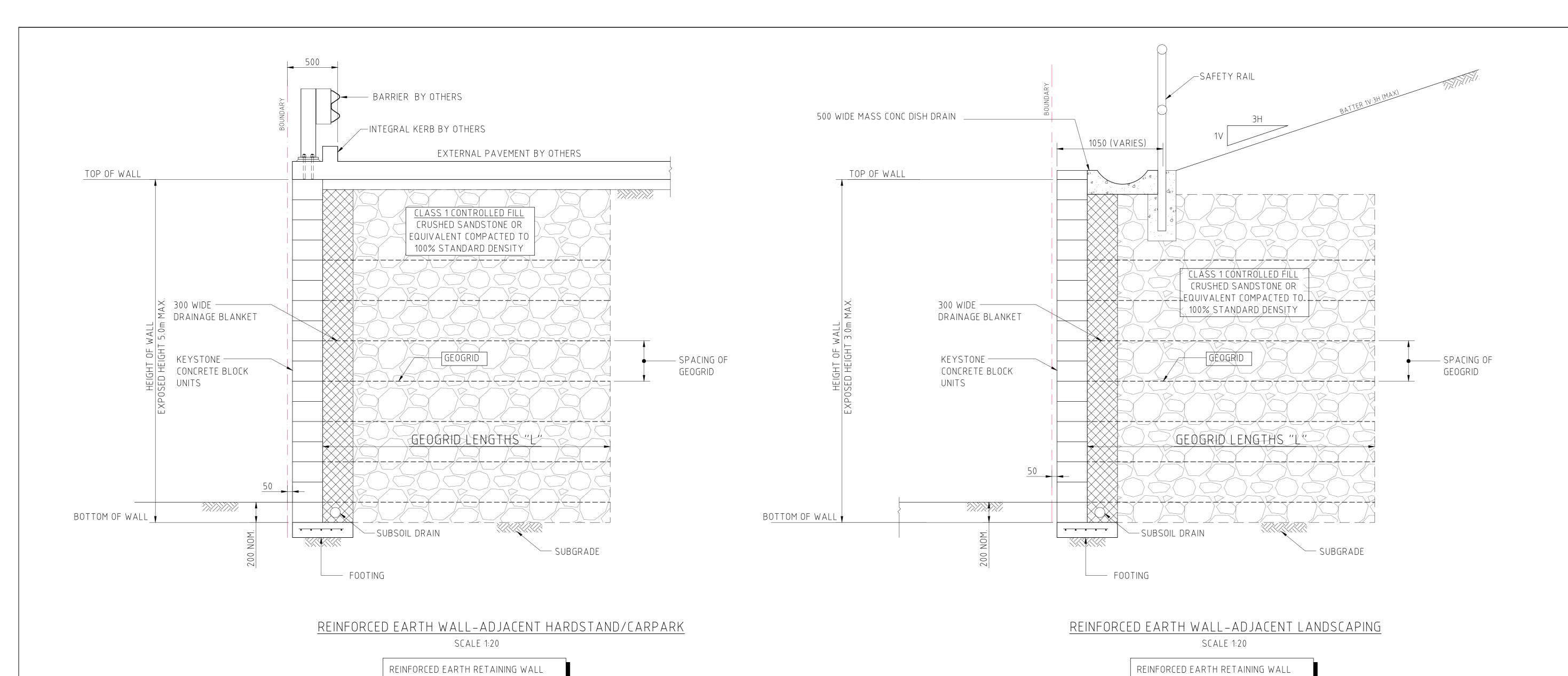
SCALE 1:50 AT A0 SIZE PLOT

SCALE 1:100 AT A0 SIZE PLOT

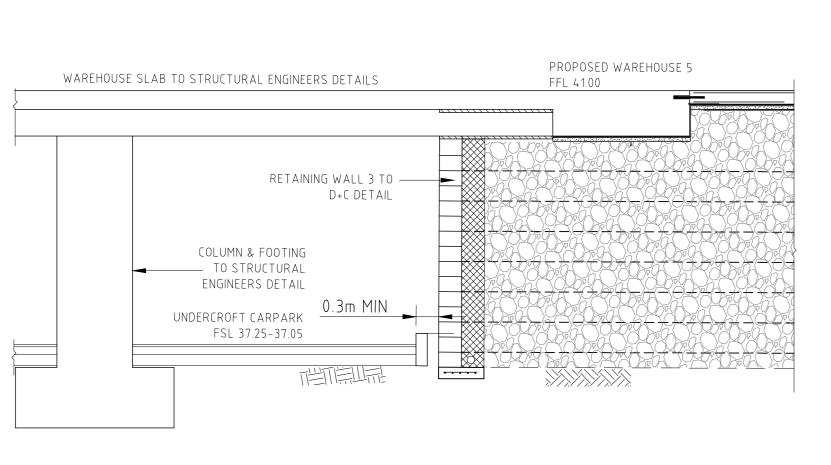
SCALE 1:500 AT A0 SIZE PLOT

5m 0 10 20 30

1m 0 1 2 3 4 5 6 7 8 9 10m



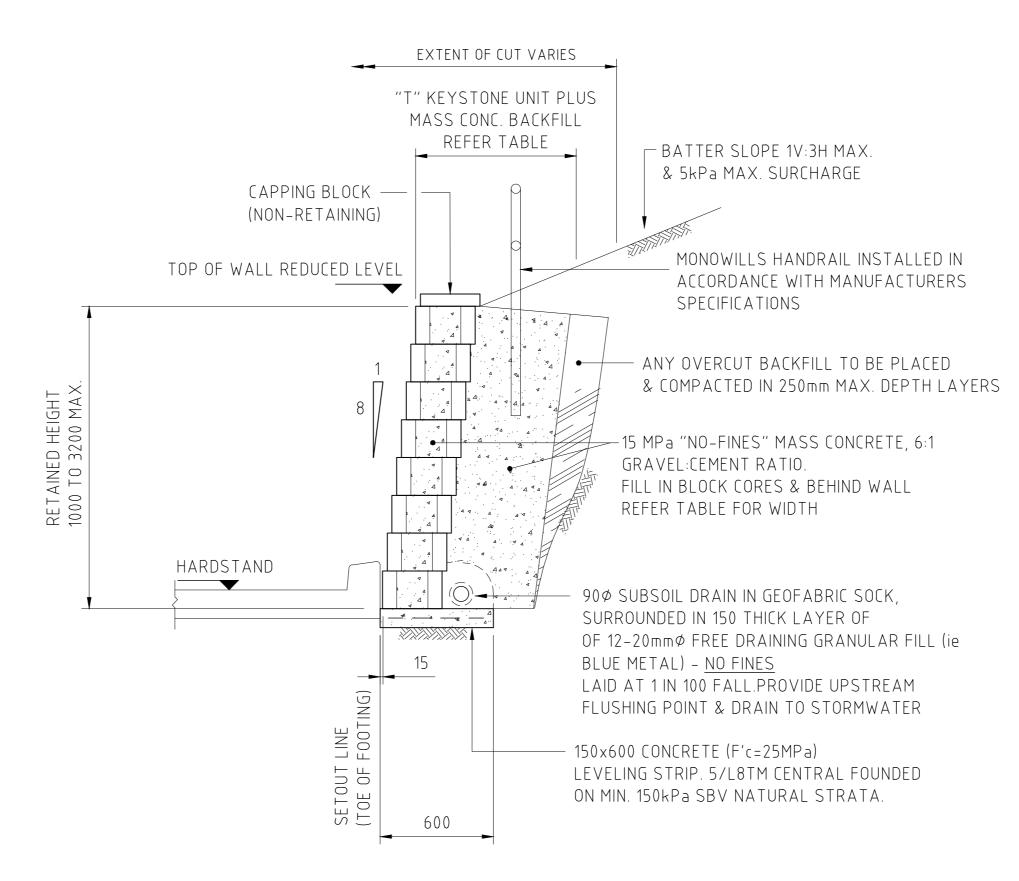
REINFORCED EARTH WALL DETAILS



STRUCTURAL DESIGN TO D&C DETAILS.

TYPICAL SECTION RETAINING WALL 3 AT CARPARK SCALE 1:50

DATE ISSUE AMENDMENTS



STRUCTURAL DESIGN TO D&C DETAILS.

TYPICAL THRU' KEYSTONE RETAINING WALL (IN CUT) (5kPa) (1000 TO 2500 MAXIMUM RETAINED HEIGHT)

> NOTE: INDICATIVE DETAIL ONLY. WALL TO BE DESIGNED BY D&C CONTRACTOR

NOTE:

ISSUED FOR TENDER
AMENDMENTS

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17.12.21 A
DATE ISSUE AMENDMENTS

FOR TENDER











lacktriangleTRENCH MESH AS NOTED.

DISTANCE VARIES 3m TYPICAL

SPOON DRAIN 1000 WIDE

CAPPING BEAM

REINFORCED EARTH WALL TYPICAL LEVELLING STRIP STEP DETAIL

LANDSCAPED BATTER

1V:3H MAX SLOPE

SAFETY HANDRAIL BY OTHERS — =

PILE WALL IN CUT TO

D&C DETAILS

BULK EARTHWORKS LVL

RETAINING WALL DETAILS

Stockland

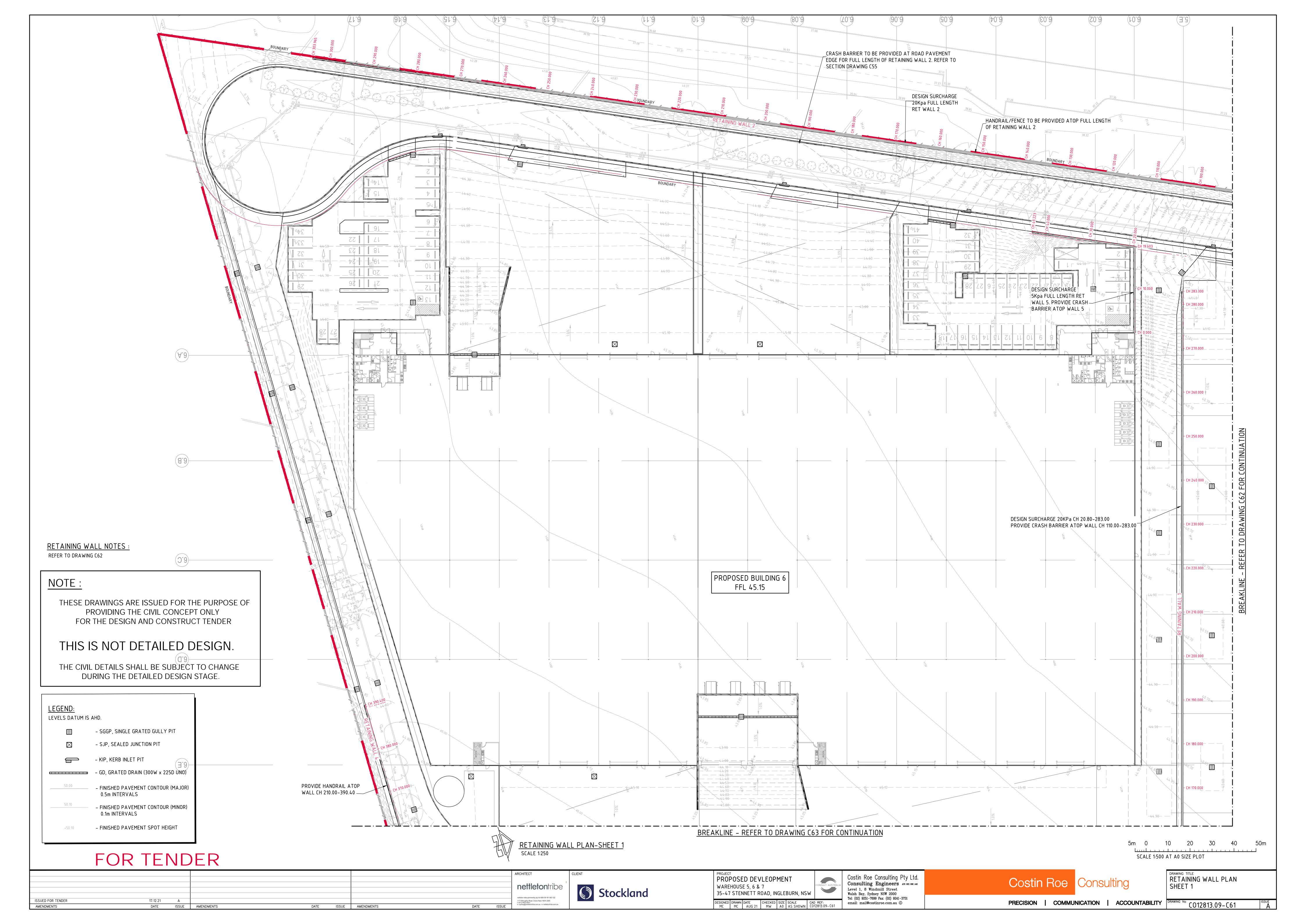
Costin Roe Consulting

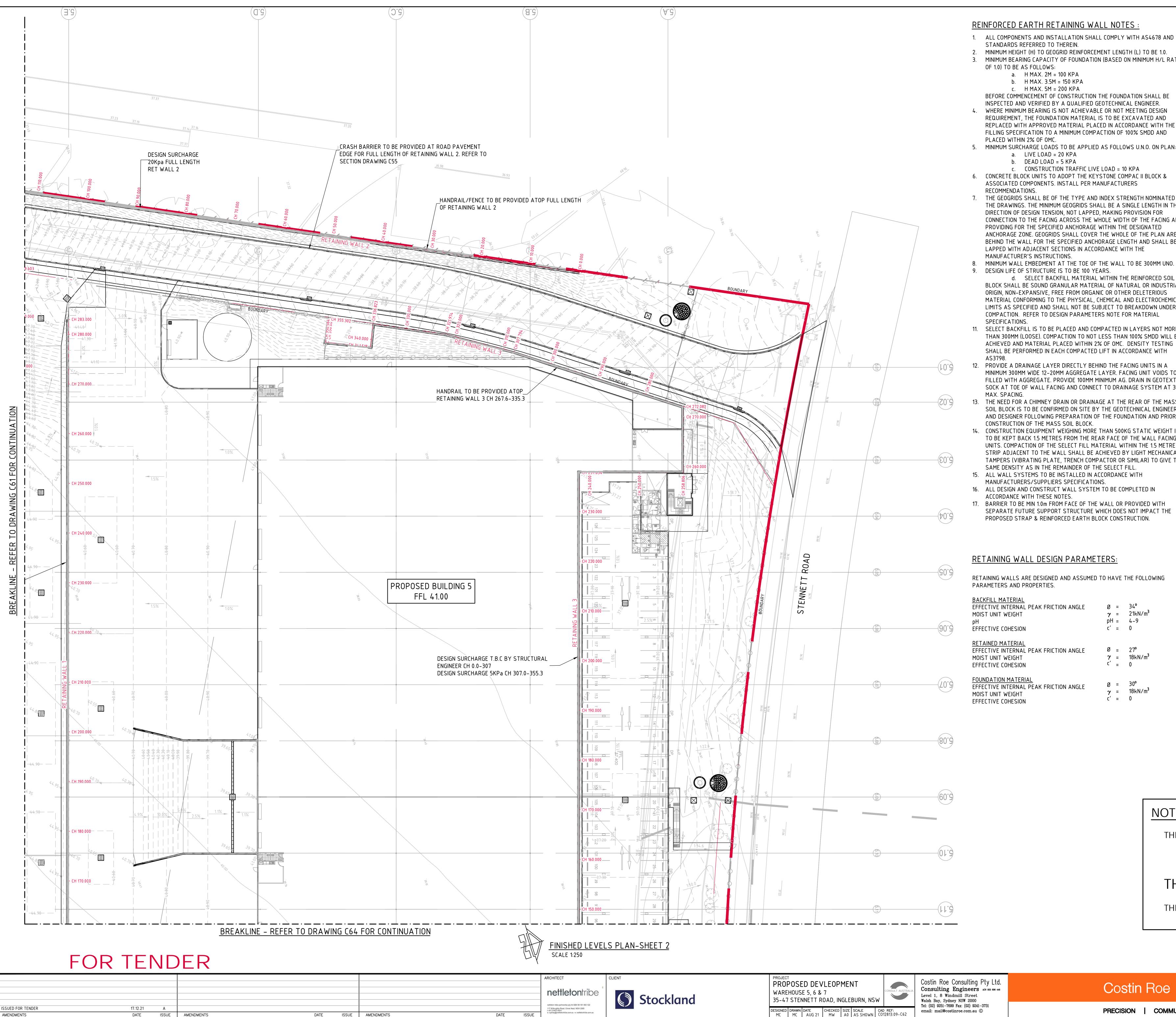
TYPICAL SECTION THROUGH RETAINING WALL 4-PILE SECTION

1:20 AT AO SHEET SIZE

SCALE 1:50 AT AO SHEET SIZE

PRECISION | COMMUNICATION | ACCOUNTABILITY No C012813.09-C60





- ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH AS4678 AND THE
- MINIMUM HEIGHT (H) TO GEOGRID REINFORCEMENT LENGTH (L) TO BE 1.0.
- MINIMUM BEARING CAPACITY OF FOUNDATION (BASED ON MINIMUM H/L RATIO

BEFORE COMMENCEMENT OF CONSTRUCTION THE FOUNDATION SHALL BE INSPECTED AND VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER.

- 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 100% SMDD AND
- MINIMUM SURCHARGE LOADS TO BE APPLIED AS FOLLOWS U.N.O. ON PLAN:
- c. CONSTRUCTION TRAFFIC LIVE LOAD = 10 KPA 6. CONCRETE BLOCK UNITS TO ADOPT THE KEYSTONE COMPAC II BLOCK &
- ASSOCIATED COMPONENTS. INSTALL PER MANUFACTURERS 7. THE GEOGRIDS SHALL BE OF THE TYPE AND INDEX STRENGTH NOMINATED ON
- THE DRAWINGS. THE MINIMUM GEOGRIDS SHALL BE A SINGLE LENGTH IN THE DIRECTION OF DESIGN TENSION, NOT LAPPED, MAKING PROVISION FOR CONNECTION TO THE FACING ACROSS THE WHOLE WIDTH OF THE FACING AND PROVIDING FOR THE SPECIFIED ANCHORAGE WITHIN THE DESIGNATED ANCHORAGE ZONE. GEOGRIDS SHALL COVER THE WHOLE OF THE PLAN AREA BEHIND THE WALL FOR THE SPECIFIED ANCHORAGE LENGTH AND SHALL BE LAPPED WITH ADJACENT SECTIONS IN ACCORDANCE WITH THE
- MINIMUM WALL EMBEDMENT AT THE TOE OF THE WALL TO BE 300MM UNO.
- BLOCK SHALL BE SOUND GRANULAR MATERIAL OF NATURAL OR INDUSTRIAL ORIGIN, NON-EXPANSIVE, FREE FROM ORGANIC OR OTHER DELETERIOUS MATERIAL CONFORMING TO THE PHYSICAL, CHEMICAL AND ELECTROCHEMICAL LIMITS AS SPECIFIED AND SHALL NOT BE SUBJECT TO BREAKDOWN UNDER COMPACTION. REFER TO DESIGN PARAMETERS NOTE FOR MATERIAL
- 11. SELECT BACKFILL IS TO BE PLACED AND COMPACTED IN LAYERS NOT MORE THAN 300MM (LOOSE). COMPACTION TO NOT LESS THAN 100% SMDD WILL BE ACHIEVED AND MATERIAL PLACED WITHIN 2% OF OMC. DENSITY TESTING SHALL BE PERFORMED IN EACH COMPACTED LIFT IN ACCORDANCE WITH
- PROVIDE A DRAINAGE LAYER DIRECTLY BEHIND THE FACING UNITS IN A MINIMUM 300MM WIDE 12-20MM AGGREGATE LAYER. FACING UNIT VOIDS TO BE FILLED WITH AGGREGATE. PROVIDE 100MM MINIMUM AG. DRAIN IN GEOTEXTILE SOCK AT TOE OF WALL FACING AND CONNECT TO DRAINAGE SYSTEM AT 30M
- 13. THE NEED FOR A CHIMNEY DRAIN OR DRAINAGE AT THE REAR OF THE MASS SOIL BLOCK IS TO BE CONFIRMED ON SITE BY THE GEOTECHNICAL ENGINEER AND DESIGNER FOLLOWING PREPARATION OF THE FOUNDATION AND PRIOR TO
- 14. CONSTRUCTION EQUIPMENT WEIGHING MORE THAN 500KG STATIC WEIGHT IS TO BE KEPT BACK 1.5 METRES FROM THE REAR FACE OF THE WALL FACING UNITS. COMPACTION OF THE SELECT FILL MATERIAL WITHIN THE 1.5 METRE STRIP ADJACENT TO THE WALL SHALL BE ACHIEVED BY LIGHT MECHANICAL TAMPERS (VIBRATING PLATE, TRENCH COMPACTOR OR SIMILAR) TO GIVE THE SAME DENSITY AS IN THE REMAINDER OF THE SELECT FILL.
- 15. ALL WALL SYSTEMS TO BE INSTALLED IN ACCORDANCE WITH
- 16. ALL DESIGN AND CONSTRUCT WALL SYSTEM TO BE COMPLETED IN
- 17. BARRIER TO BE MIN 1.0m FROM FACE OF THE WALL OR PROVIDED WITH SEPARATE FUTURE SUPPORT STRUCTURE WHICH DOES NOT IMPACT THE PROPOSED STRAP & REINFORCED EARTH BLOCK CONSTRUCTION.

LEVELS DATUM IS AHD. - SGGP, SINGLE GRATED GULLY PIT - SJP, SEALED JUNCTION PIT - KIP, KERB INLET PIT - GD, GRATED DRAIN (300W x 225D UNO) - FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS - FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS - FINISHED PAVEMENT SPOT HEIGHT

RETAINING WALL NOTES

- ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH AS4678
- AND THE STANDARDS REFERRED TO THEREIN. MINIMUM BEARING CAPACITY OF FOUNDATION TO BE AS FOLLOWS
- a. H MAX. 2.0m = 100 kPa b. H MAX. 3.5m = 150 kPa
- H MAX. 5.0m = 200 kPa
- BEFORE COMMENCEMENT OF CONSTRUCTION THE FOUNDATION SHALL BE INSPECTED AND VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER.
- 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 100% SMDD AND PLACED WITHIN 2% OF OMC.
- MINIMUM SURCHARGE LOADS TO BE APPLIED AS FOLLOWS U.N.O. ON PLAN:
- a. LIVE LOAD = 20 kPa b. $DEAD\ LOAD = 5\ kPa$
- CONSTRUCTION TRAFFIC LIVE LOAD = 10 kPa
- 6. MINIMUM WALL EMBEDMENT AT THE TOE OF THE WALL TO BE 300mm
- MINIMUM UNLESS NOTED OTHERWISE. 7. DESIGN LIFE OF STRUCTURE IS TO BE 100 YEARS.
- 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.
- CONSTRUCTION EQUIPMENT WEIGHING MORE THAN 500KG STATIC WEIGHT IS TO BE KEPT BACK 1.5m FROM THE REAR FACE OF THE WALL FACING UNITS. COMPACTION OF THE SELECT FILL MATERIAL WITHIN THE 1.5m STRIP ADJACENT TO THE WALL SHALL BE ACHIEVED BY LIGHT MECHANICAL TAMPERS (VIBRATING PLATE,
- TRENCH COMPACTOR OR SIMILAR) TO GIVE THE SAME DENSITY AS IN THE REMAINDER OF THE SELECT FILL.
- 10. ALL DESIGN AND CONSTRUCT WALL SYSTEM TO BE COMPLETED IN ACCORDANCE WITH THESE NOTES.

RETAINING WALLS ARE DESIGNED AND ASSUMED TO HAVE THE FOLLOWING

 $\emptyset = 34^{\circ}$ $\gamma = 21 \text{kN/m}^3$ pH = 4-9 c' = 0

 $\emptyset = 27^{\circ}$ $\gamma = 18kN/m^3$ c' = 0

 $\gamma = 18kN/m^3$ c' = 0

NOTE:

THESE DRAWINGS ARE ISSUED FOR THE PURPOSE OF PROVIDING THE CIVIL CONCEPT ONLY FOR THE DESIGN AND CONSTRUCT TENDER

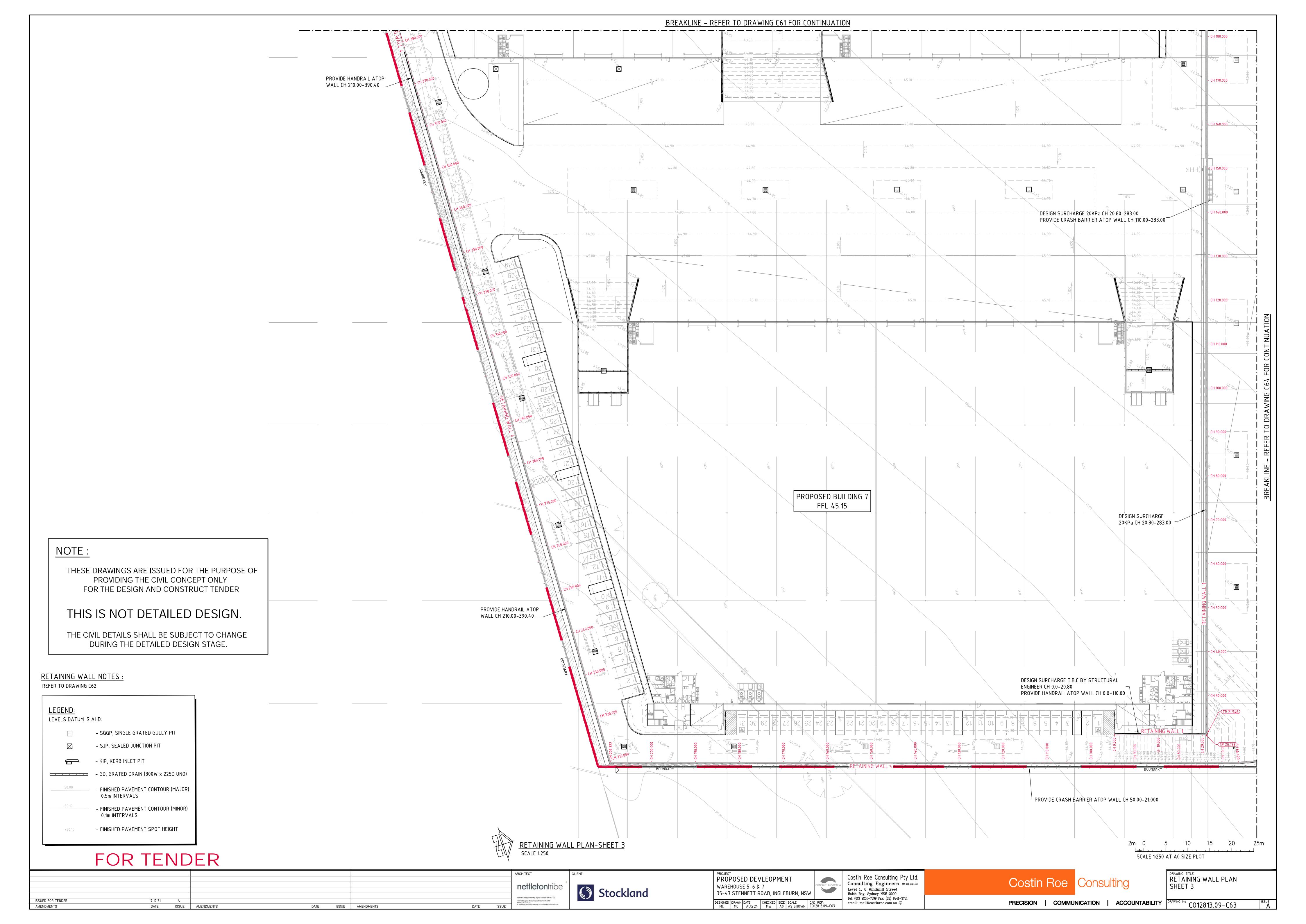
THIS IS NOT DETAILED DESIGN.

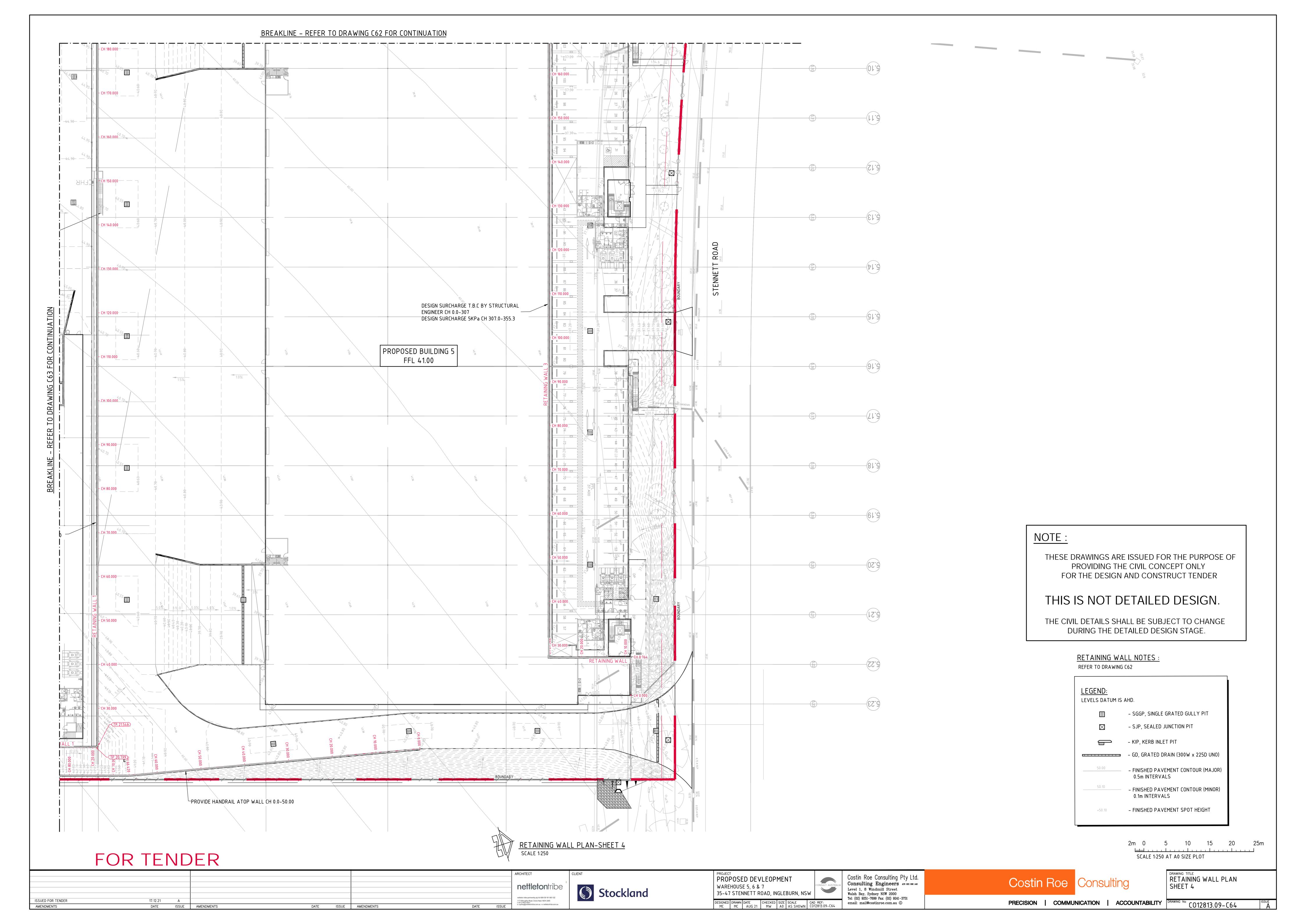
THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE.

SCALE 1:250 AT A0 SIZE PLOT

Costin Roe Consulting

RETAINING WALL PLAN





35KPa SURCHARGE LOAD 20KPa SURCHARGE LOAD DATUM 37.00 HORIZONTAL GEOMETRY TOP OF WALL LEVEL BASE OF WALL LEVEL EXISTING SURFACE LEVEL CHAINAGE

> ELEVATION RETAINING WALL 1 SCALE 1:250 SURFACE AREA=1120m2 APPROX REINFORCED EARTH KEYSTONE WALL

	ļ	4	20KPa SURCHARGE LOAD										
DATUM 37.	00												
HORIZONTAL GEOMETRY	-												
HEIGHT	7.400	7.400	2 975	3.800	2.811	110	0.600						
TOP OF WALL LEVEL	006.44	74.900	567.77	44.300	43.445	7.2.256	41.900						
BASE OF WALL LEVEL	40.500	40.500	00	40.500	6.633	711,6	41.300						
EXISTING SURFACE LEVEL	38.919	38.844	28 707	38.646	38.506	00 c & c	38.250						
CHAINAGE	250.000	253.200	260 000	262.800	270.000	280 000	283.000						

ELEVATION RETAINING WALL 1 SCALE 1:250 SURFACE AREA=1120m2 APPROX REINFORCED EARTH KEYSTONE WALL

-		2	OKPa SURCHARGE LOAD		-
DATUM 35.00			202.045		
HORIZONTAL GEOMETRY			303.965 205°08′26"	·	
HEIGHT 0990 660	1.278	3.311 3.311 3.971 3.971	4.570	4.650 4.660 4.540 4.060 3.820	3.219
TOP OF WALL LEVEL 06.98 37.78	38.054 38.300 38.459 39.362	39.823 40.285 41.208 41.669 41.900	42.350 42.950 43.250	43.700 43.700 43.800 43.880	43.900
BASE OF WALL LEVEL 08.98 24.5	36.391	36.974	38.060 38.340 38.620	39.040 39.040 39.460 39.460 40.020	40.491
EXISTING SURFACE LEVEL 59 88 98	36.867 36.808 36.791 36.791 37.126	37.264 37.354 37.356 37.956	38.620	39.587 39.697 39.915 40.352	40.776
CHAINAGE 80.00	30.000 36.400 40.000 60.000	70.000 80.000 100.000 110.000	120.000 130.000 150.000	170.000 175.000 180.000 200.000 210.000	230.000

SCALE 1:250

ELEVATION RETAINING WALL 2

SURFACE AREA=920m2 APPROX

REINFORCED EARTH KEYSTONE WALL

20KPa SURCHARGE LOAD ____+__ DATUM 35.00 HORIZONTAL GEOMETRY TOP OF WALL LEVEL BASE OF WALL LEVEL EXISTING SURFACE LEVEL CHAINAGE

> ELEVATION RETAINING WALL 2 SCALE 1:250
> SURFACE AREA=920m2 APPROX
> REINFORCED EARTH KEYSTONE WALL

NOTE :

THESE DRAWINGS ARE ISSUED FOR THE PURPOSE OF PROVIDING THE CIVIL CONCEPT ONLY FOR THE DESIGN AND CONSTRUCT TENDER

THIS IS NOT DETAILED DESIGN.

THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE.

SCALE 1:250 AT A0 SIZE PLOT

FOR TENDER

									ARCHITECT
									nettleton tribe
									TICINCIOI III IO
SUED FOR TENDER	23.12.21	В							nettleton tribe partnership pty ltd ASN 58 161 683 122
SUED FOR TENDER	17.12.21	Α							117 Willoughby Road, Crows Nest, NSW 2065 t+412 9421 6421 o: sydney@nettetont/se.com.au w: nettetont/ibe.com.au
MENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	e: sydney@netfetortribe.com.au -w: netfetortribe.com.au













RETAINING WALL PLAN ELEVATIONS-SHEET 1

PRECISION | COMMUNICATION | ACCOUNTABILITY | DRAWING No CO12813.09-C65

REINFORCED CONCRETE BLOCKWORK WALL TO STRUCTURAL ENGINEERS DETAIL TOP OF WALL SHOWN 300mm BELOW BUILDING FLOOR FSL. SURCHARGE LOAD FROM BUILDING T.B.C BY STRUCTURAL ENGINEER DATUM 35.00 HORIZONTAL GEOMETRY TOP OF WALL LEVEL BASE OF WALL LEVEL EXISTING SURFACE LEVEL CHAINAGE ELEVATION RETAINING WALL 3 SURFACE AREA=1180m2 APPROX 20KPa SURCHARGE LOAD REINFORCED CONCRETE BLOCKWORK WALL TO STRUCTURAL ENGINEERS DETAIL TOP OF WALL SHOWN 300mm BELOW BUILDING FLOOR FSL. __ALIGN WITH BUILDING SURCHARGE LOAD FROM BUILDING T.B.C BY STRUCTURAL ENGINEER PRE-CAST PANEL REINFORCED EARTH WALL 5KPa SURCHARGE LOAD 50KPa SURCHARGE LOAD _____ DATUM 35.00 DATUM 37.00 4.695 9.046 112°53'00" 202°52'42" 23.620 205°08′24″ HORIZONTAL GEOMETRY HORIZONTAL GEOMETRY TOP OF WALL LEVEL TOP OF WALL LEVEL
 36.874
 36.703

 36.871
 36.694

 36.844
 36.595

 36.82
 BASE OF WALL LEVEL BASE OF WALL LEVEL 37.490 37.496 37.50 37.441 38.38 38.379 38.389 37.352 37.35 37.390 37.408 37.41 EXISTING SURFACE LEVEL EXISTING SURFACE LEVEL 267.600 267.800 270.000 272.082 CHAINAGE CHAINAGE ELEVATION RETAINING WALL 5
SCALE 1:250 ELEVATION RETAINING WALL 3 SCALE 1:250 SURFACE AREA=96m2 APPROX SURFACE AREA=1180m2 APPROX REINFORCED EARTH KEYSTONE WALL DESIGN SURCHARGE 5Kpa DESIGN SURCHARGE 20Kpa DESIGN SURCHARGE 5Kpa PILE WALL NO FINES KEYSTONE WALL IN CUT IN CUT DATUM 39.00 HORIZONTAL GEOMETRY TOP OF WALL LEVEL BASE OF WALL LEVEL EXISTING SURFACE LEVEL CHAINAGE ELEVATION RETAINING WALL 4 SCALE 1:250 SURFACE AREA=1190m2 APPROX DESIGN SURCHARGE 5Kpa PILE WALL NO FINES KEYSTONE WALL IN CUT NOTE: DATUM 39.00 THESE DRAWINGS ARE ISSUED FOR THE PURPOSE OF HORIZONTAL GEOMETRY PROVIDING THE CIVIL CONCEPT ONLY FOR THE DESIGN AND CONSTRUCT TENDER TOP OF WALL LEVEL THIS IS NOT DETAILED DESIGN. BASE OF WALL LEVEL THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE EXISTING SURFACE LEVEL DURING THE DETAILED DESIGN STAGE. CHAINAGE ELEVATION RETAINING WALL 4 SCALE 1:250 FOR TENDER SURFACE AREA=1190m2 APPROX SCALE 1:250 AT A0 SIZE PLOT RETAINING WALL PLAN ELEVATIONS-SHEET 2 PROPOSED DEVLEOPMENT Costin Roe Consulting Pty Ltd.
Consulting Engineers ACN 003 696 446
Level 1, 8 Windmill Street
Walsh Bay, Sydney NSW 2000
Tel: (02) 9251-7699 Fax: (02) 9241-3731 Costin Roe Consulting **nettleton**tribe WAREHOUSE 5, 6 & 7 Stockland 35-47 STENNETT ROAD, INGLEBURN, NSW ISSUED FOR TENDER
ISSUED FOR TENDER 23.12.21 B 17.12.21 A

PRECISION | COMMUNICATION | ACCOUNTABILITY | DRAWING No CO12813.09-C66

nettletan tribe partnership pty htd ASN 58 161 683 122 117 Willoughby Road, Crows Nast, NSW 2865 1+61 2 9431 6431

DATE ISSUE AMENDMENTS

AMENDMENTS

DATE ISSUE AMENDMENTS