

**LOT 104, 4499-4651 MT. LINDESAY HIGHWAY, NORTH MACLEAN QLD 4280
DEVELOPMENT APPLICATION**



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DRAWING SCHEDULE	
DWG NUMBER	DWG TITLE
DA-001	COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE
DA-101	BULK EARTHWORKS LAYOUT PLAN - SHEET 1 OF 2
DA-102	BULK EARTHWORKS LAYOUT PLAN - SHEET 2 OF 2
DA-111	BULK EARTHWORKS SECTIONS - SHEET 1 OF 5
DA-112	BULK EARTHWORKS SECTIONS - SHEET 2 OF 5
DA-113	BULK EARTHWORKS SECTIONS - SHEET 3 OF 5
DA-114	BULK EARTHWORKS SECTIONS - SHEET 4 OF 5
DA-115	BULK EARTHWORKS SECTIONS - SHEET 5 OF 5
DA-120	RETAINING WALL LAYOUT PLAN
DA-120	WALL 1 ELEVATION AND SETOUT
DA-120	WALL 2 ELEVATION AND SETOUT
DA-211	CIVIL GRADING & SERVICES LAYOUT PLAN - SHEET 1 OF 2
DA-212	CIVIL GRADING & SERVICES LAYOUT PLAN - SHEET 2 OF 2
DA-220	TYPICAL SECTIONS
DA-311	STORMWATER DRAINAGE CATCHMENT LAYOUT PLAN



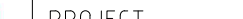
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1540

Date: 21 May 2025



FOR APPROVAL

REVISION		DESCRIPTION		ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT		DRAWING TITLE		JOB NUMBER
A	ISSUED FOR APPROVAL			CL	NG	ADA	13.09.24	Charter Hall 	watson young 	 Brisbane Level 25, 12 Creek Street, Brisbane QLD 4000 GPO BOX 423 Brisbane QLD 4001 (07) 3365 0400 brisbane@northrop.com.au ABN 81 094 433 100	DA-001 REVISION C	BN241827		
B	ISSUED FOR APPROVAL			AG	NG	ADA	20.09.24							
C	ISSUED FOR APPROVAL			CL	SK	ADA	13.12.24							
								DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS REPIRATORY SIGNATURE HAS BEEN ADDED.	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS, PTY LTD.	NOT TO SCALE				
DRAWING SHEET SIZE = A1														

R.P.E.Q. No: 25874

VERIFIER: S. KILLORAN

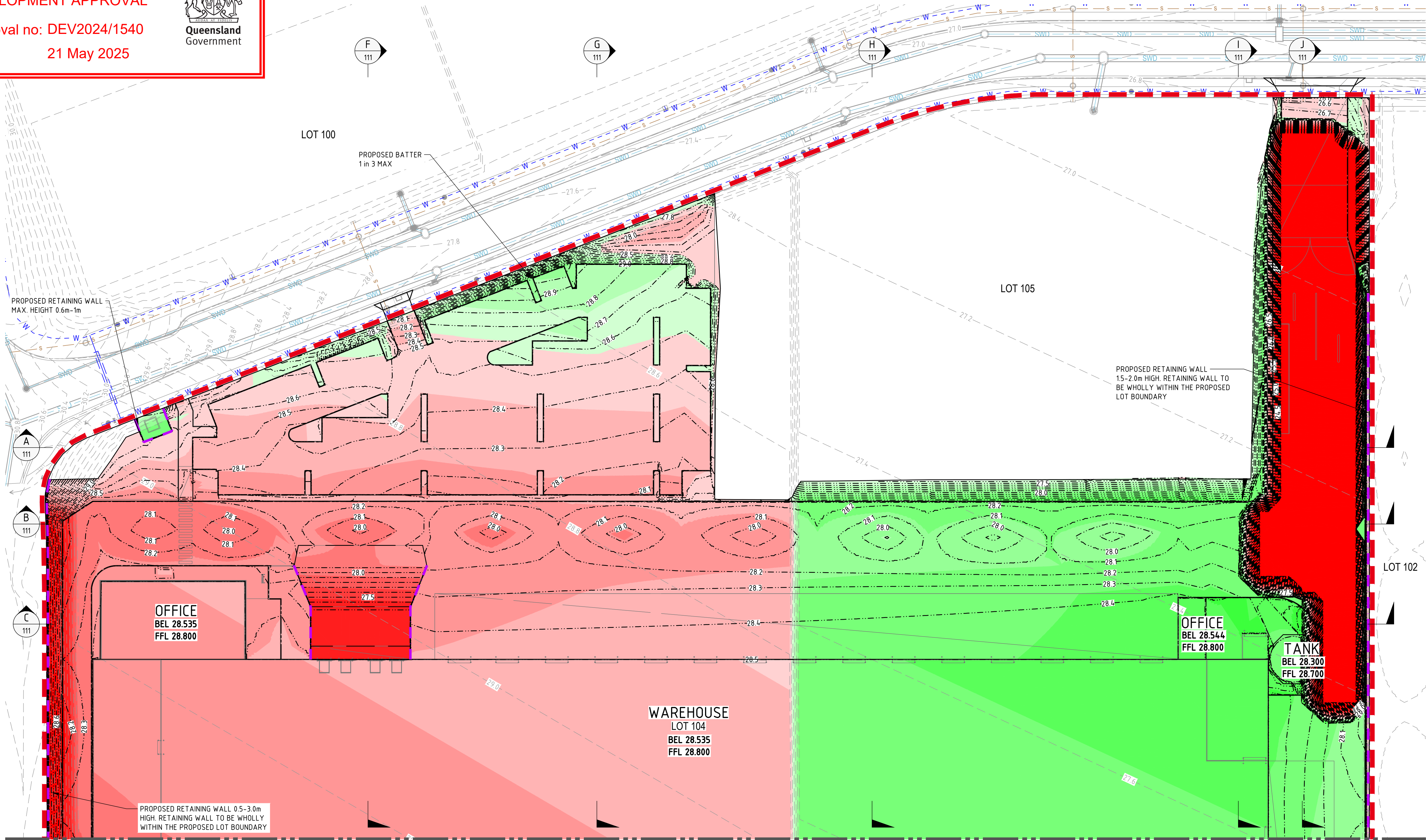
JOB MANAGER: A. DE ANDRADE

DESIGNED: R. MITCHELL

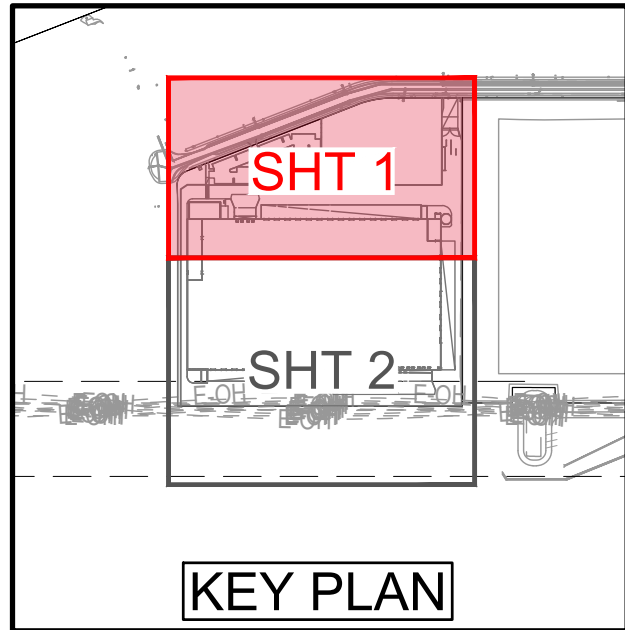
DRAWN: C. LOPEZ



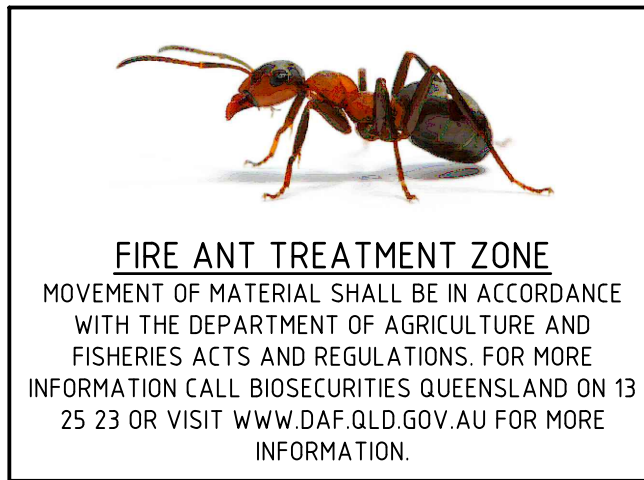
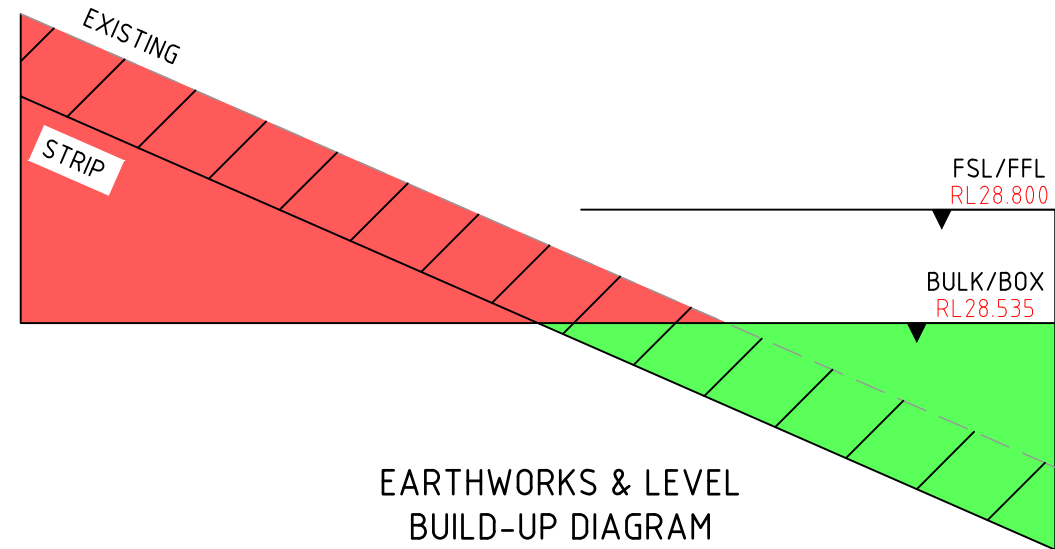
DRAWN: C. LOPEZ
DESIGNED: R. MITCHELL
JOB MANAGER: A. DE ANDRADE
VERIFIER: S. KILLORAN
P.D.A. No: 25874



FOR CONTINUATION REFER TO SHEET C-102



PRELIMINARY BULK EARTHWORKS VOLUMES		
CUT	FILL	BALANCE
46,804m ³	18,373m ³	28,431m ³ SPOIL
STRIP VOLUMES		
AREA	DEPTH	VOLUME
80,073m ²	50mm	4,004m ³



PRELIMINARY BOXING DEPTHS
TRUCK MANOEUVERING HARDSTAND, CONTAINER SET DOWN = 170mm THICK CONCRETE + 100mm CBR15 SUBBASE = 270 TOTAL BOX
LIGHT DUTY PAVEMENT = 130mm THICK CONCRETE + 100mm CBR15 SUBBASE = 230 TOTAL BOX
WAREHOUSE, OFFICE, PUMP ROOM = 165mm THICK CONCRETE + 100mm CBR15 SUBBASE = 265 TOTAL BOX
TANK SLAB = 300mm THICK CONCRETE + 100mm CBR15 SUBBASE = 400 TOTAL BOX
NOTE: FOR INTERNAL PAVEMENT DESIGN REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND SPECIFICATIONS

VOLUME NOTES
1. VOLUMES ARE CALCULATED BETWEEN STRIPPED SURFACE AND BOXING (BULK) LEVELS.
2. EARTHWORKS LEVELS ALLOW DRIVEWAY / CAR PARK SLAB THICKNESS AND BUILDING SLAB THICKNESS AS PER STRUCTURAL ENGINEERING DRAWINGS. REFER TO FINAL 'FOR CONSTRUCTION' STRUCTURAL DESIGN DRAWINGS FOR FINAL PAD THICKNESS AND CROSS-CHECK/VERIFY THE ASSOCIATED FINAL CIVIL BULK PAD LEVELS PRIOR TO CONSTRUCTION SETOUT.
3. IT HAS BEEN ASSUMED THAT THE SITE WILL REQUIRE 50mm TOPSOIL STRIP TO REMOVE ORGANIC MATERIAL. SHOULD THIS DEPTH VARY, PLEASE NOTIFY SUPERINTENDENT, GEOTECH & NORTHPROP IMMEDIATELY.
4. REFER TO CIVIL PAVEMENT & STRUCTURAL FOUNDATION / SLAB DRAWINGS FOR PAVEMENT DEPTHS, TO BE CONFIRMED & VALIDATED AGAINST BULK / BOXING LEVELS BY CONTRACTOR & SURVEYOR PRIOR TO COMMENCEMENT OF EARTHWORKS.
5. ALL EARTHWORKS VOLUMES ARE PRELIMINARY ONLY, AND ARE TO BE USED AS A GUIDE ONLY. CONTRACTOR IS TO ALLOW ADEQUATE CONTINGENCY.

LEGEND	
---XX.XX---	PROPOSED BULK EARTHWORKS CONTOURS (0.10m INTERVAL)
---XX.XX---	EXISTING SURFACE CONTOURS (0.10m INTERVAL)
---	PROPOSED INTEGRAL KERB
BEL XX.XX	BULK EARTHWORKS PAD LEVEL
FFL XX.XX	FINISHED FLOOR LEVEL
---	BUILDING PAD
---	PROPOSED RETAINING WALL BLOCKWORK
---	EXISTING WATER MAIN
---	EXISTING SEWER MAIN
---	EXISTING STORMWATER
---	WORKS BOUNDARY
DEPTH OF CUT	
---	- 999m TO - 2.0m
---	- 2.0m TO - 1.5m
---	- 1.5m TO - 1.25m
---	- 1.25m TO - 1.0m
---	- 1.0m TO - 0.75m
---	- 0.75m TO - 0.5m
---	- 0.5m TO - 0.25m
---	- 0.25m TO - 0.0m
DEPTH OF FILL	
---	0.0m TO 0.25m
---	0.25m TO 0.5m
---	0.5m TO 0.75m
---	0.75m TO 1.0m
---	1.0m TO 1.25m
---	1.25m TO 1.5m
---	1.5m TO 2.0m
---	2.0m TO 999m

UNKNOWN GEOTECH PARAMETERS
THE CONTRACTORS IS TO ALLOW ADEQUATE PROVISIONAL AMOUNTS FOR CONTINGENCIES FOR THE FOLLOWING UNKNOWN EARTHWORKS/GEOTECH PARAMETERS:
• SWELLING/COMPACTION FACTORS - UNKNOWN • SUBGRADE CBR - UNKNOWN • SUBGRADE SUITABLE FOR FILLING/PAVEMENT - UNKNOWN • IF CUT IS CONSIDERED SUITABLE FOR FILLING - UNKNOWN • TOPSOIL DEPTH - UNKNOWN • ONSITE SOILS ARE DISPERSIVE/HIGHLY REACTIVE - UNKNOWN

LEVELS AND SETOUT NOTES
1. EARTHWORKS LEVELS SHOWN ARE BULK SURFACE LEVELS (UNDERSIDE OF PAVEMENT AND TOPSOIL LAYERS)
2. EARTHWORKS LEVELS ALLOW DRIVEWAY / CAR PARK SLAB THICKNESS AND BUILDING SLAB THICKNESS AS PER STRUCTURAL ENGINEERING DRAWINGS. REFER TO FINAL 'FOR CONSTRUCTION' STRUCTURAL DESIGN DRAWINGS FOR FINAL PAD THICKNESS AND CROSS-CHECK/VERIFY THE ASSOCIATED FINAL CIVIL BULK PAD LEVELS PRIOR TO CONSTRUCTION SETOUT.
3. ALL RETAINING WALL HEIGHT LABELS ARE CALCULATED TO FINISHED SURFACE LEVELS INCLUDING TOPSOIL (AND TO NEAREST 200mm HEIGHT). FINAL RETAINING WALL DESIGNS AND DETAILED STEPPING IS SUBJECT TO STRUCTURAL DESIGN BY OTHERS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING SETOUT INFORMATION.
5. CONTRACTOR TO CONFIRM SITE SURVEY STATION LOCATION AND BUILDING/PAD SETOUT LOCATIONS IN RELATION TO BOUNDARIES PRIOR TO CONSTRUCTION AND ADVISE SUPERINTENDENT IF ANY DISCREPANCIES/ANOMALIES FOUND.

FOR APPROVAL

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	ISSUED FOR APPROVAL	CL	NG	ADA	13.09.24
B	ISSUED FOR APPROVAL	CL	NG	ADA	20.09.24
C	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24

CLIENT
Charter Hall
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED

ARCHITECT
watson young
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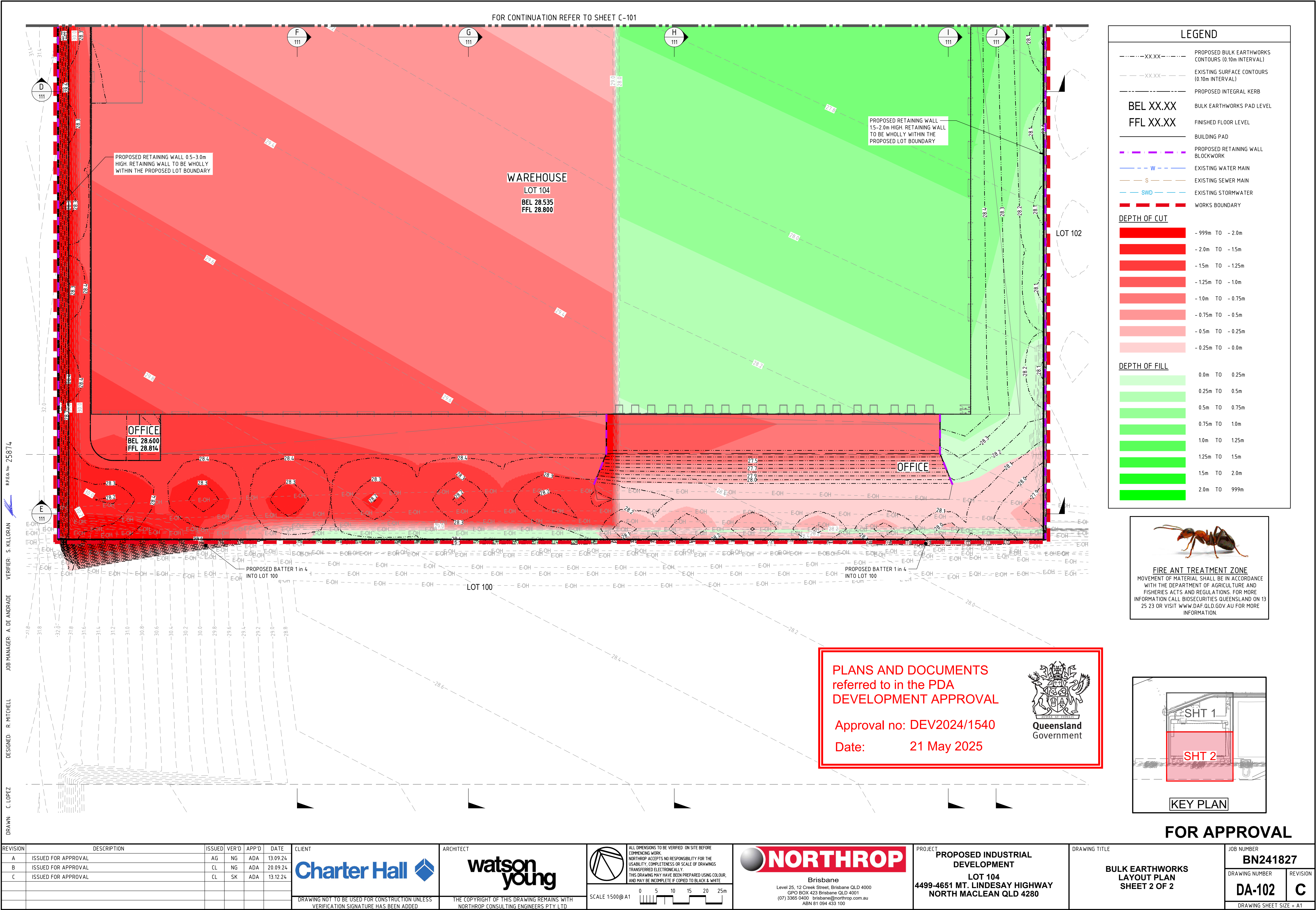
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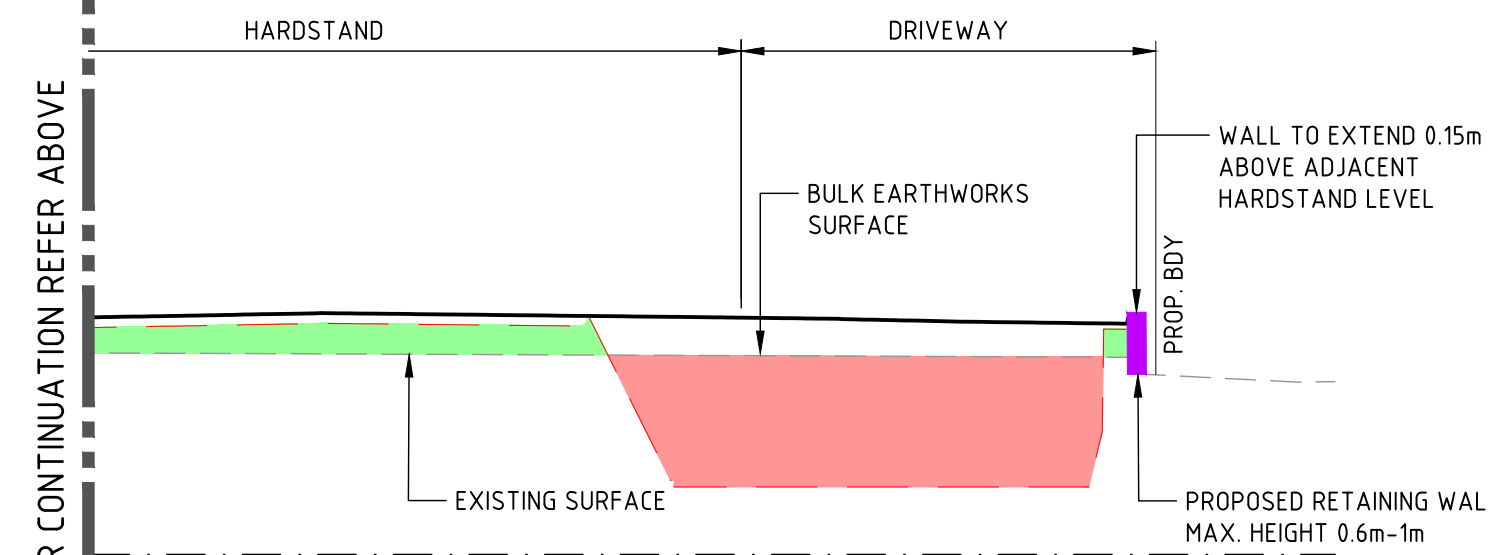
NORTHPROP
Brisbane
Level 25, 12 Creek Street, Brisbane QLD 4000
GPO BOX 423 Brisbane QLD 4001
(07) 3365 0400 brisbane@northrop.com.au
ABN 81 094 433 100

PROJECT
PROPOSED INDUSTRIAL DEVELOPMENT
LOT 104
4499-4651 MT. LINDESAY HIGHWAY
NORTH MACLEAN QLD 4280

DRAWING TITLE
BULK EARTHWORKS LAYOUT PLAN
SHEET 1 OF 2

JOB NUMBER
BN241827
DRAWING NUMBER
DA-101
REVISION
C
DRAWING SHEET SIZE = A1

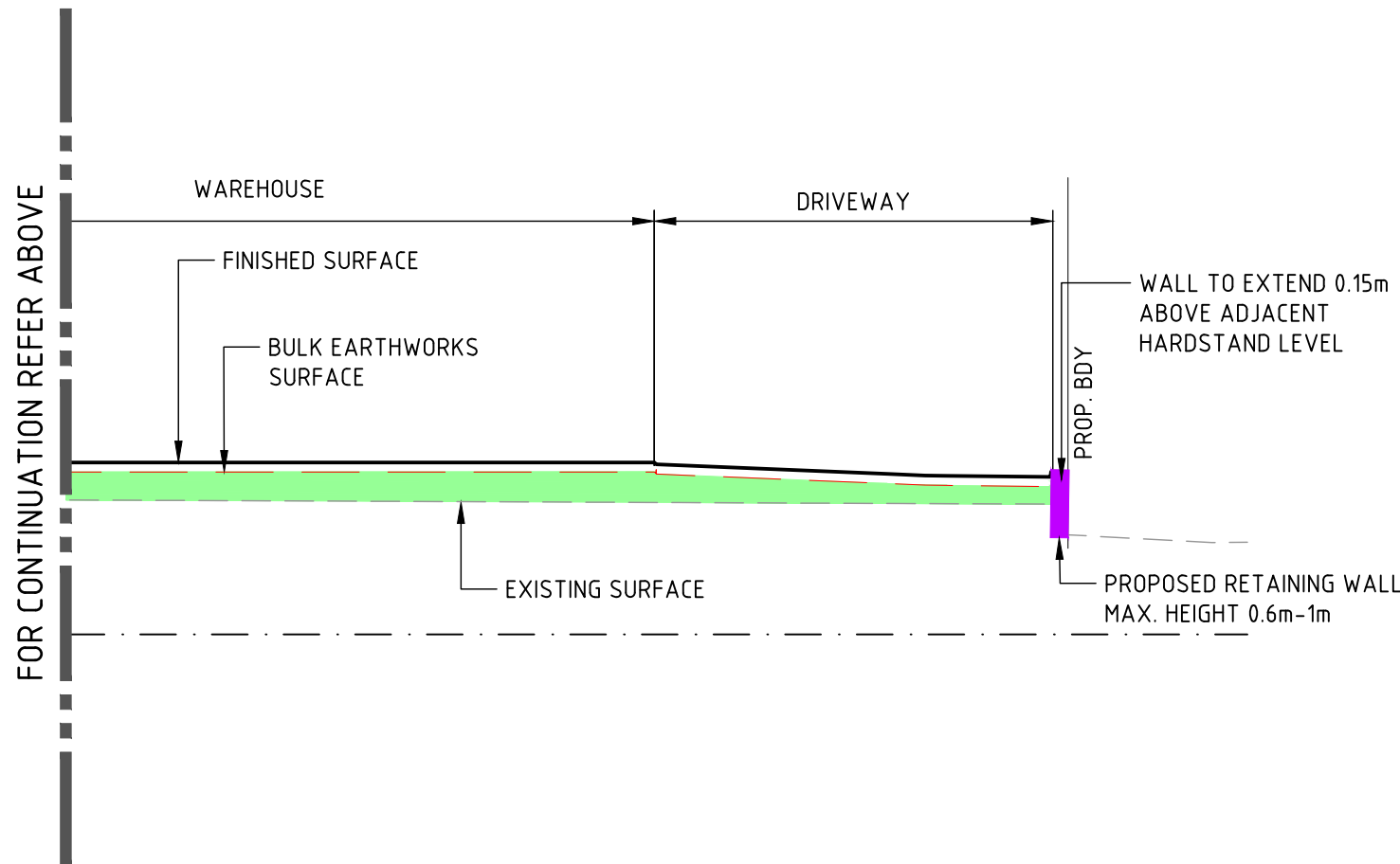
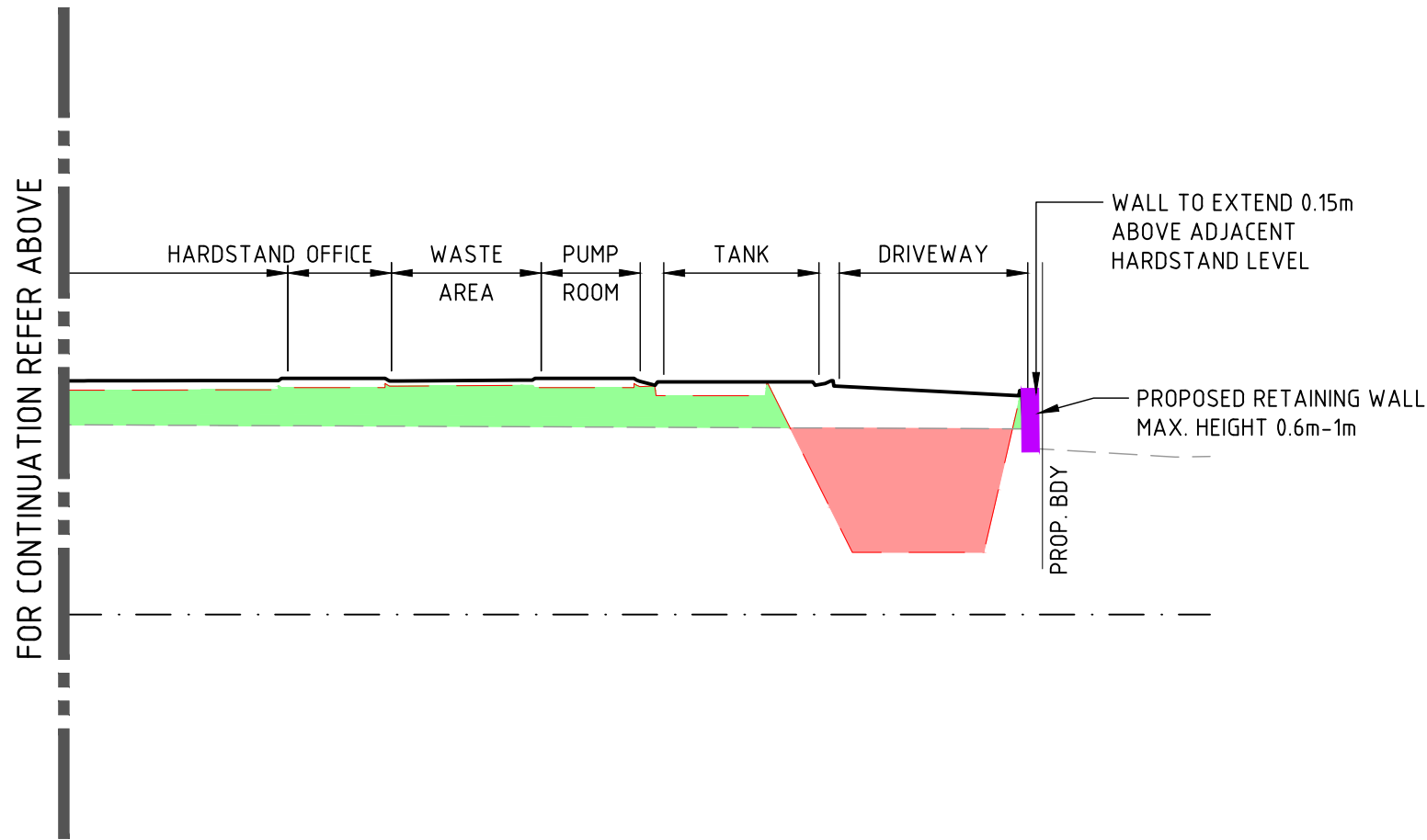
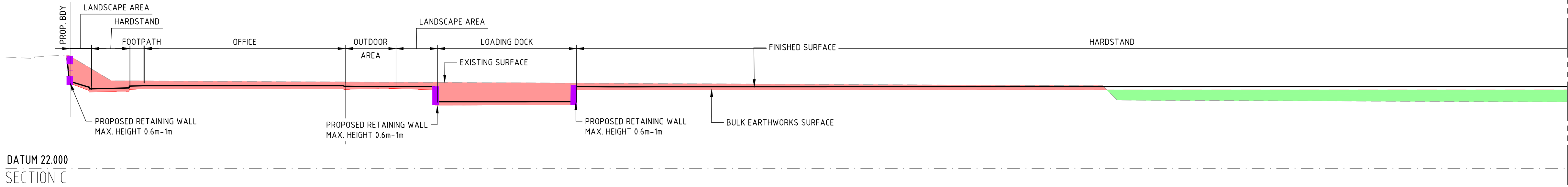




Queensland
Government

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE  Brisbane Level 25, 12 Creek Street, Brisbane QLD 4000 GPO BOX 423 Brisbane QLD 4001 (07) 3365 0400 brisbane@northrop.com.au ABN 81 094 433 100	PROJECT PROPOSED INDUSTRIAL DEVELOPMENT LOT 104 4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280 DRAWING TITLE BULK EARTHWORKS SECTIONS SHEET 1 OF 5	JOB NUMBER BN241827 DRAWING NUMBER DA-111 REVISION D DRAWING SHEET SIZE = A	
A	ISSUED FOR APPROVAL	AG	NG	ADA	13.09.24	 	DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS ARCHITECT'S SIGNATURE HAS BEEN ADDED. THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS	SCALE 1:4=00 @ A1 	PROJECT PROPOSED INDUSTRIAL DEVELOPMENT LOT 104 4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280	DRAWING TITLE BULK EARTHWORKS SECTIONS SHEET 1 OF 5	JOB NUMBER BN241827 DRAWING NUMBER DA-111 REVISION D DRAWING SHEET SIZE = A
B	ISSUED FOR APPROVAL	CL	NG	ADA	20.09.24						
C	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24						
D	RFI RESPONSE - FOR APPROVAL	CL	SK	ADA	16.12.24						

DRAWN: C. LOPEZ
DESIGNED: R. MITCHELL
JOB MANAGER: A. DE ANDRADE
VERIFIER: S. KILLORAN
PDA No. 25874



LEGEND - SECTIONS

FINISHED SURFACE	
EXISTING SURFACE	
STRIPPED SURFACE	
BULK EARTHWORKS SURFACE	
EARTHWORKS AREA OF CUT	
EARTHWORKS AREA OF FILL	
PROPOSED RETAINING WALL (TYPE TBC) - BY OTHERS	

LAYOUT & NOTES REFERENCE

FOR EARTHWORKS LAYOUT PLAN & REFERENCE NOTES
REFER DWG No DA-101

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

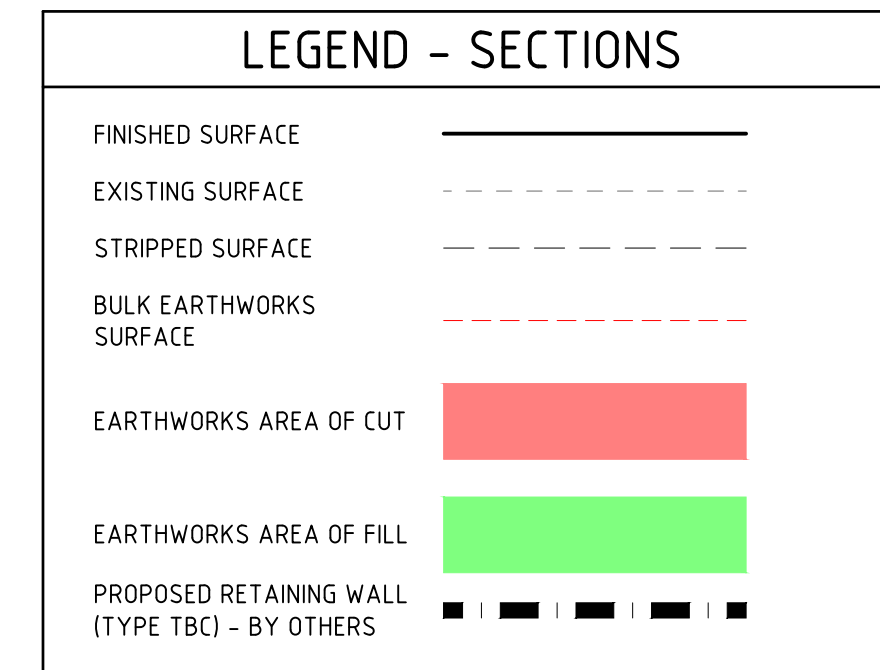
Approval no: DEV2024/1540

Date: 21 May 2025

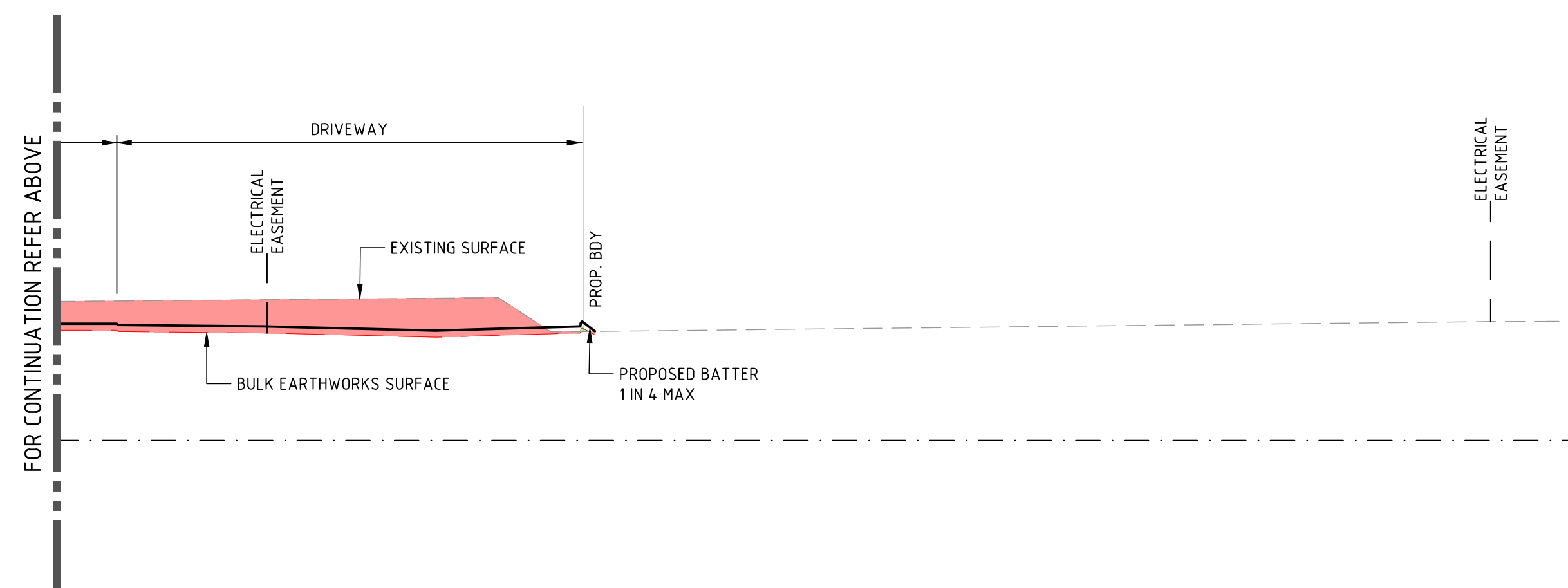
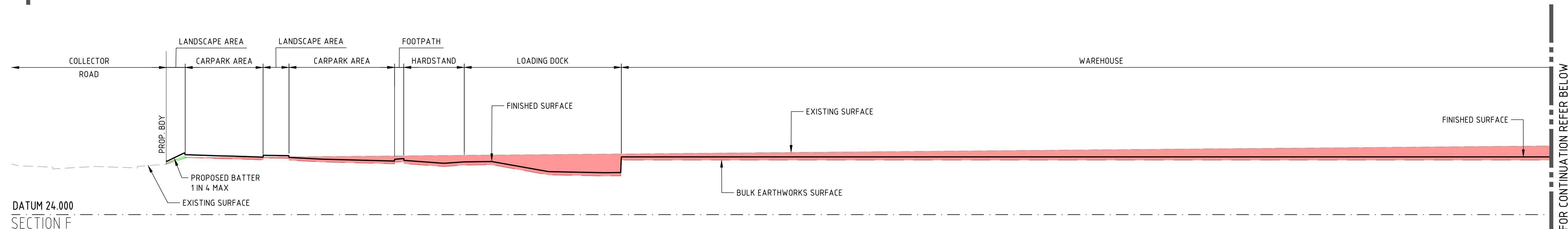


FOR APPROVAL

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A	ISSUED FOR APPROVAL			AG	NG	ADA	13.09.24	 Charter Hall	 watson young	PROPOSED INDUSTRIAL DEVELOPMENT			BULK EARTHWORKS SECTIONS		BN241827		
B	ISSUED FOR APPROVAL			CL	NG	ADA	20.09.24			LOT 104			SHEET 2 OF 5		DRAWING NUMBER	REVISION	
C	ISSUED FOR APPROVAL			CL	SK	ADA	13.12.24			4499-4651 MT. LINDESAY HIGHWAY			DA-112		D		
D	RFI RESPONSE - FOR APPROVAL			CL	SK	ADA	16.12.24			NORTH MACLEAN QLD 4280		DRAWING SHEET SIZE = A1					
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FOR EARTHWORKS LAYOUT PLAN & REFERENCE NOTES
REFER DWG No DA-101



DRAWING TITLE BULK EARTHWORKS SECTIONS SHEET 3 OF 5	JOB NUMBER	
	BN241827	
	DRAWING NUMBER	REVISION
	DA-113	D
DRAWING SHEET SIZE = A1		

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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B	ISSUED FOR APPROVAL	CL	NG	ADA	20.09.24
C	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24
D	RFI RESPONSE - FOR APPROVAL	CL	SK	ADA	16.12.24

CLIENT

Charter Hall 

ARCHITECT

**watson
young**

DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS
VERIFICATION SIGNATURE HAS BEEN ADDED

THE COPYRIGHT OF THIS DRAWING REMAIN
NORTHROP CONSULTING ENGINEERS PTY

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SCALE 1:400@A1

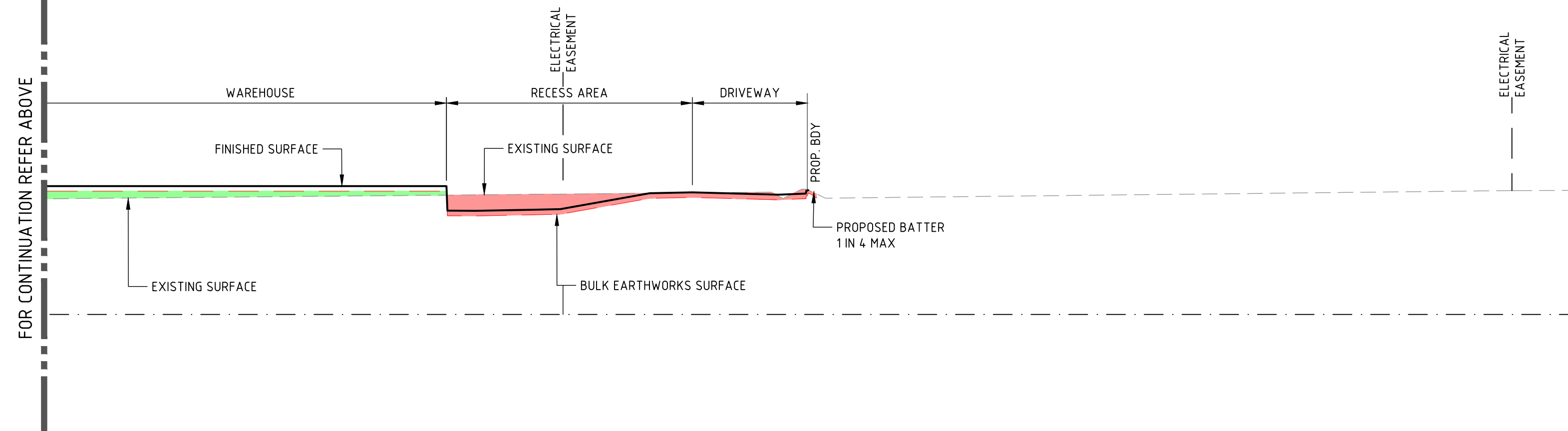
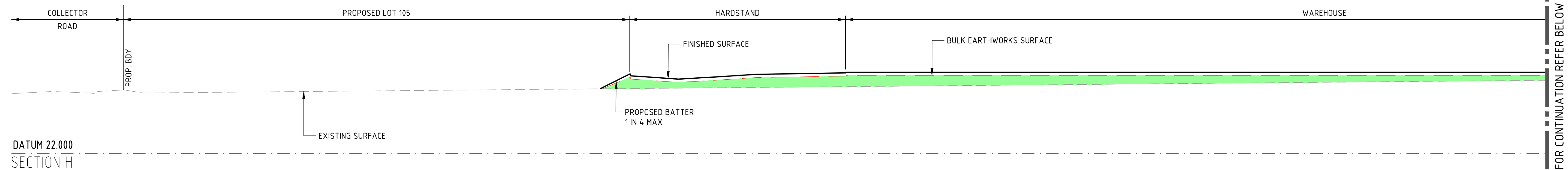
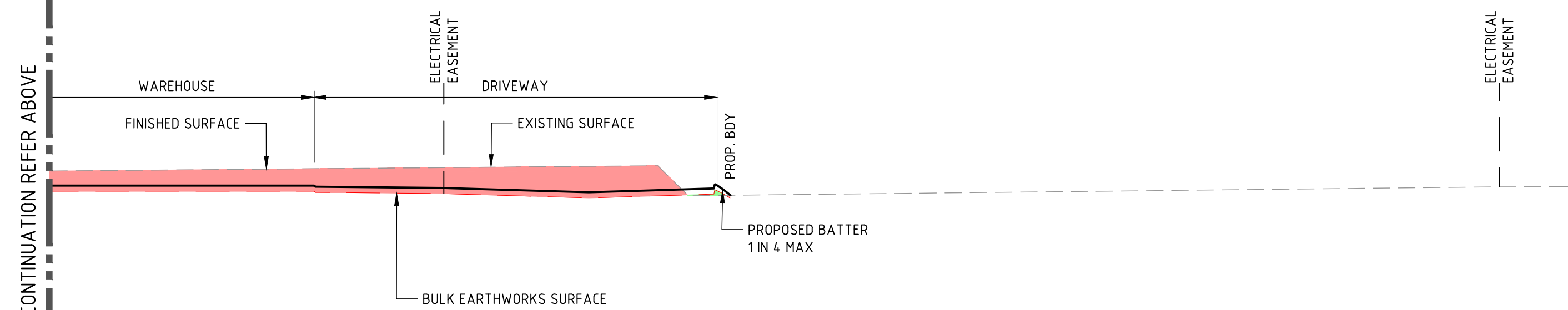
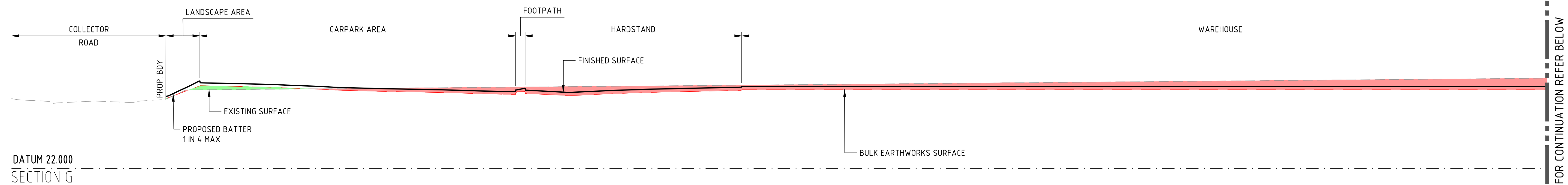


PROJECT
**PROPOSED INDUSTRIAL
DEVELOPMENT**
LOT 104
4499-4651 MT. LINDESAY HIGHWAY
NORTH MACLEAN QLD 4280

DRAWING TITLE

BULK EARTHWORKS SECTIONS

SHEET 3 OF 5



LEGEND – SECTIONS

FINISHED SURFACE	
EXISTING SURFACE	
STRIPPED SURFACE	
BULK EARTHWORKS SURFACE	
EARTHWORKS AREA OF CUT	
EARTHWORKS AREA OF FILL	
PROPOSED RETAINING WALL (TYPE TBC) – BY OTHERS	

LAYOUT & NOTES REFERENCE
FOR EARTHWORKS LAYOUT PLAN & REFERENCE NOTES REFER DWG No DA-101

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1540

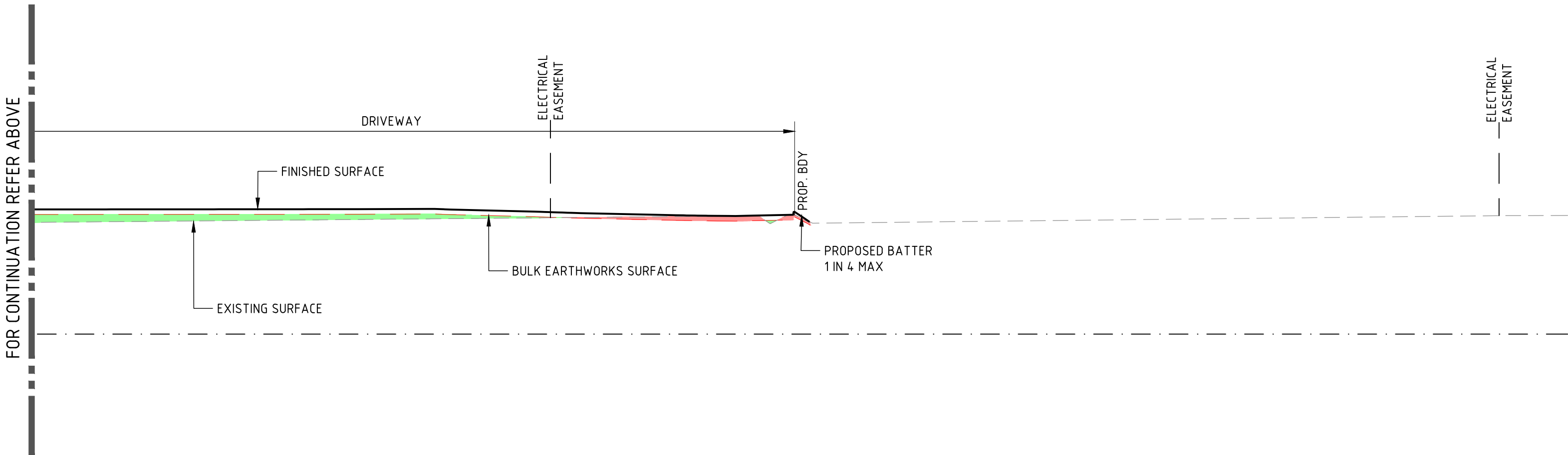
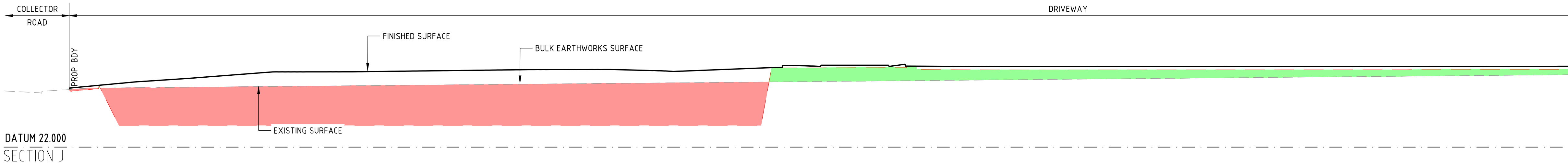
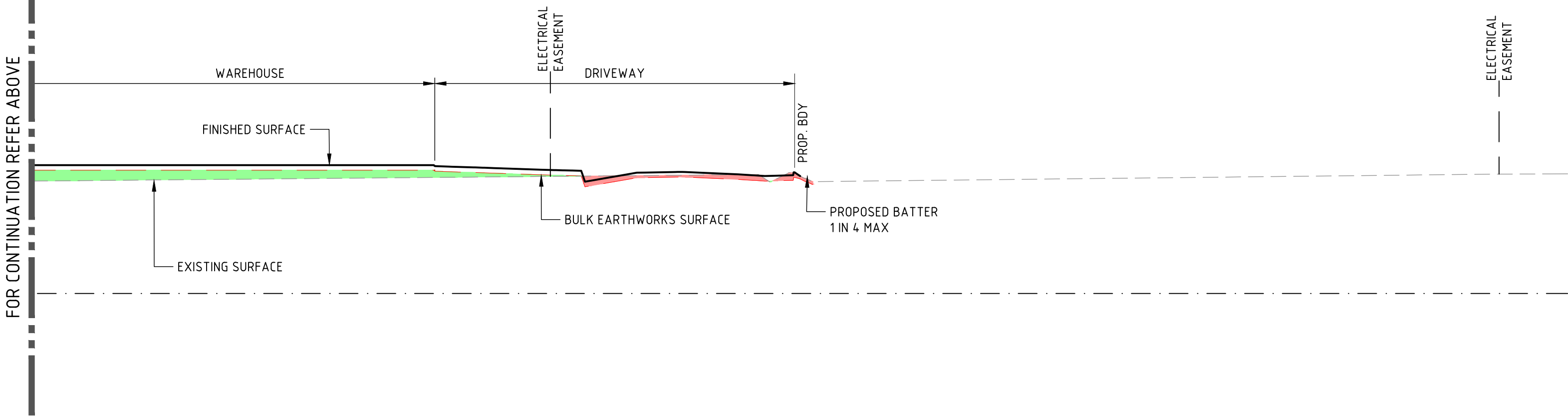
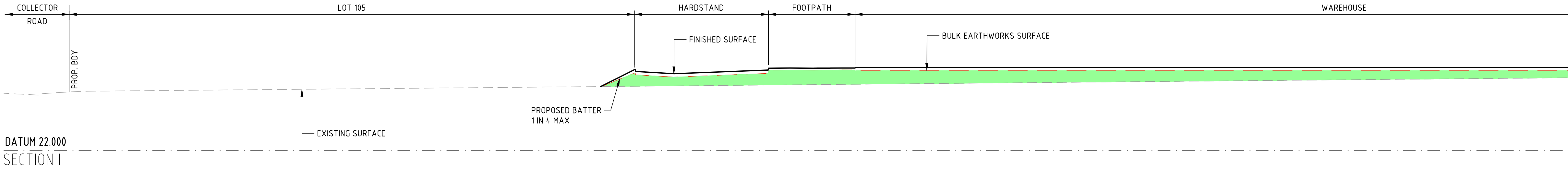
Date: 21 May 2025



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A	ISSUED FOR APPROVAL			AG	NG	ADA	13.09.24	Charter Hall	watsonyoung	ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.	Brisbane Level 25, 12 Creek Street, Brisbane QLD 4000 GPO BOX 423 Brisbane QLD 4001 (07) 3965 0400 brisbane@northrop.com.au ABN 81 094 433 100	PROJECT	PROPOSED INDUSTRIAL DEVELOPMENT		DRAWING NUMBER	REVISION
B	ISSUED FOR APPROVAL		CL	NG	ADA	20.09.24	LOT 104						SHEET 4 OF 5			
C	ISSUED FOR APPROVAL		CL	SK	ADA	13.12.24	4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280									
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS NORTHROP'S SIGNATURE HAS BEEN ADDED.								THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD		SCALE 1:4,000@A1	04 08 12 16 20m	DA-114		C	DRAWING SHEET SIZE = A1	

DESIGNED: R. MITCHELL
JOB MANAGER: A. DE ANDRADE
VERIFIER: S. KILLORAN
DRAWN: C. LOPEZ
PDA No. 25874



LEGEND - SECTIONS	
FINISHED SURFACE	
EXISTING SURFACE	
STRIPPED SURFACE	
BULK EARTHWORKS SURFACE	
EARTHWORKS AREA OF CUT	
EARTHWORKS AREA OF FILL	
PROPOSED RETAINING WALL (TYPE TBC) - BY OTHERS	

LAYOUT & NOTES REFERENCE
FOR EARTHWORKS LAYOUT PLAN & REFERENCE NOTES REFER DWG No DA-101

PLANS AND DOCUMENTS
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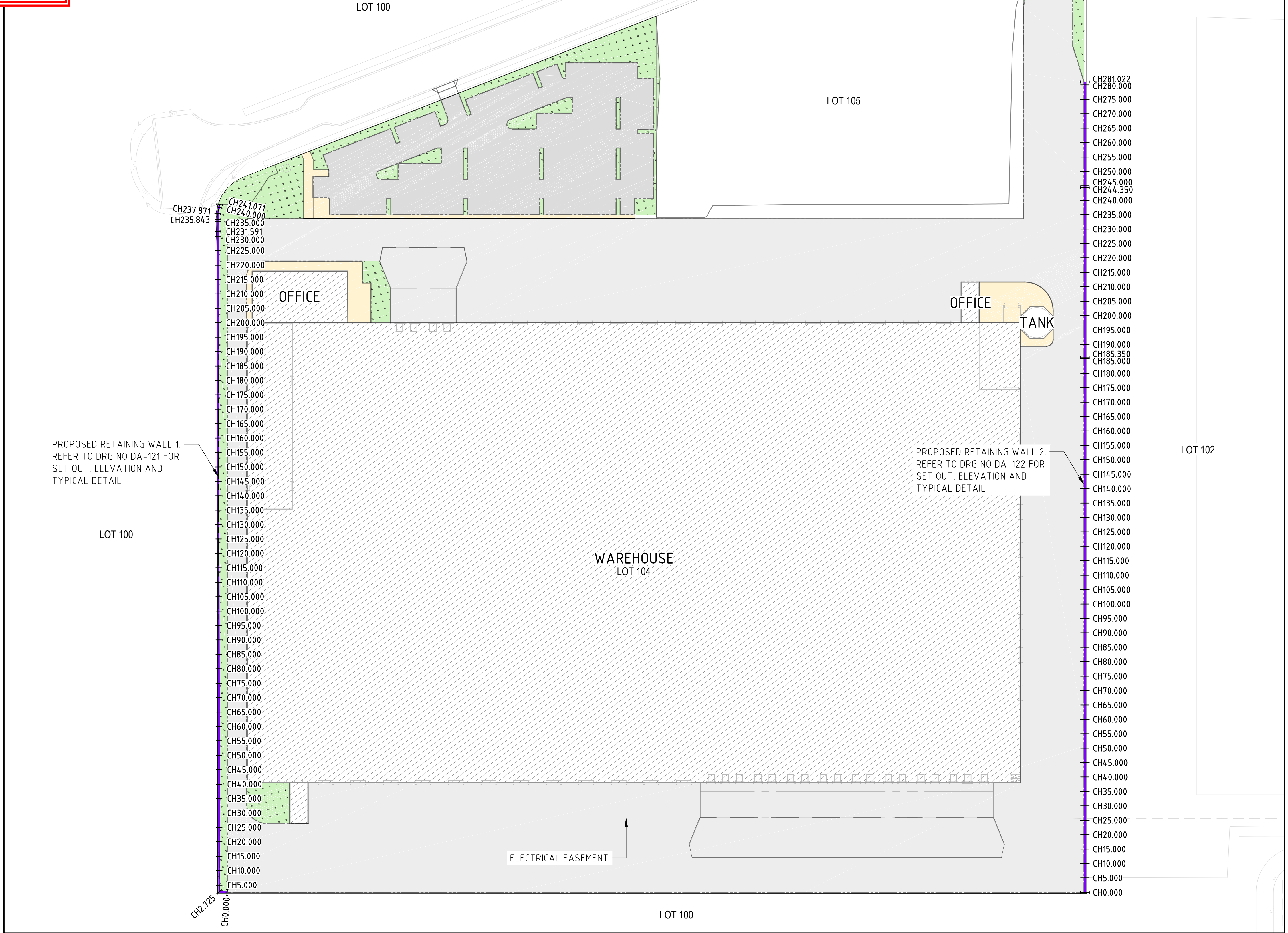
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A	ISSUED FOR APPROVAL	CL	NG	ADA	20.09.24	Charter Hall DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	watson young THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD	SCALE 1:400@ A1 	NORTHROP Brisbane Level 25, 12 Creek Street, Brisbane QLD 4000 GPO BOX 423 Brisbane QLD 4001 (07) 3365 0400 brisbane@northrop.com.au ABN 81 094 433 100	PROPOSED INDUSTRIAL DEVELOPMENT LOT 104 4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280	BULK EARTHWORKS SECTIONS SHEET 5 OF 5	BN241827	
B	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24							DRAWING NUMBER	REVISION
												DA-115	B
												DRAWING SHEET SIZE = A1	



LAYOUT PLAN

SCALE 1:750

FOR APPROVAL

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A	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24

CLIENT

DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS
VERIFICATION SIGNATURE HAS BEEN ADDED

ARCHITECT

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COMMENCING WORK.
NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE
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TRANSFERRED ELECTRONICALLY.
THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR,
AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.

SCALE 1:750@A1

NORTHROP
Brisbane
Level 25, 12 Creek Street, Brisbane QLD 4000
GPO BOX 423 Brisbane QLD 4001
(07) 3365 0400 brisbane@northrop.com.au
ABN 81 094 433 100

PROJECT

**PROPOSED INDUSTRIAL
DEVELOPMENT**
LOT 104
4499-4651 MT. LINDESAY HIGHWAY
NORTH MACLEAN QLD 4280

DRAWING TITLE

**RETAINING WALL
LAYOUT PLAN**

JOB NUMBER

BN241827

DRAWING NUMBER

DA-120

REVISION

A

DRAWING SHEET SIZE = A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24
B	RFI RESPONSE - FOR APPROVAL	CL	SK	ADA	16.12.24



DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS
VERIFICATION SIGNATURE HAS BEEN ADDED

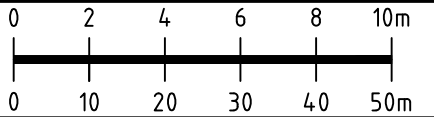


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ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE
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NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE
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TRANSFERRED ELECTRONICALLY.
THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR,
AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.

SCALE 1:200@ A1

SCALE 1:1000 @ A1





Brisbane

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(07) 3365 0400 brisbane@northrop.com.au
ABN 81 084 433 100

PROJECT

PROPOSED INDUSTRIAL
DEVELOPMENT

LOT 104
4499-4651 MT. LINDESAY HIGHWAY
NORTH MACLEAN QLD 4280

DRAWING TITLE

WALL 1
ELEVATION AND SETOUT

JOB NUMBER

BN241827

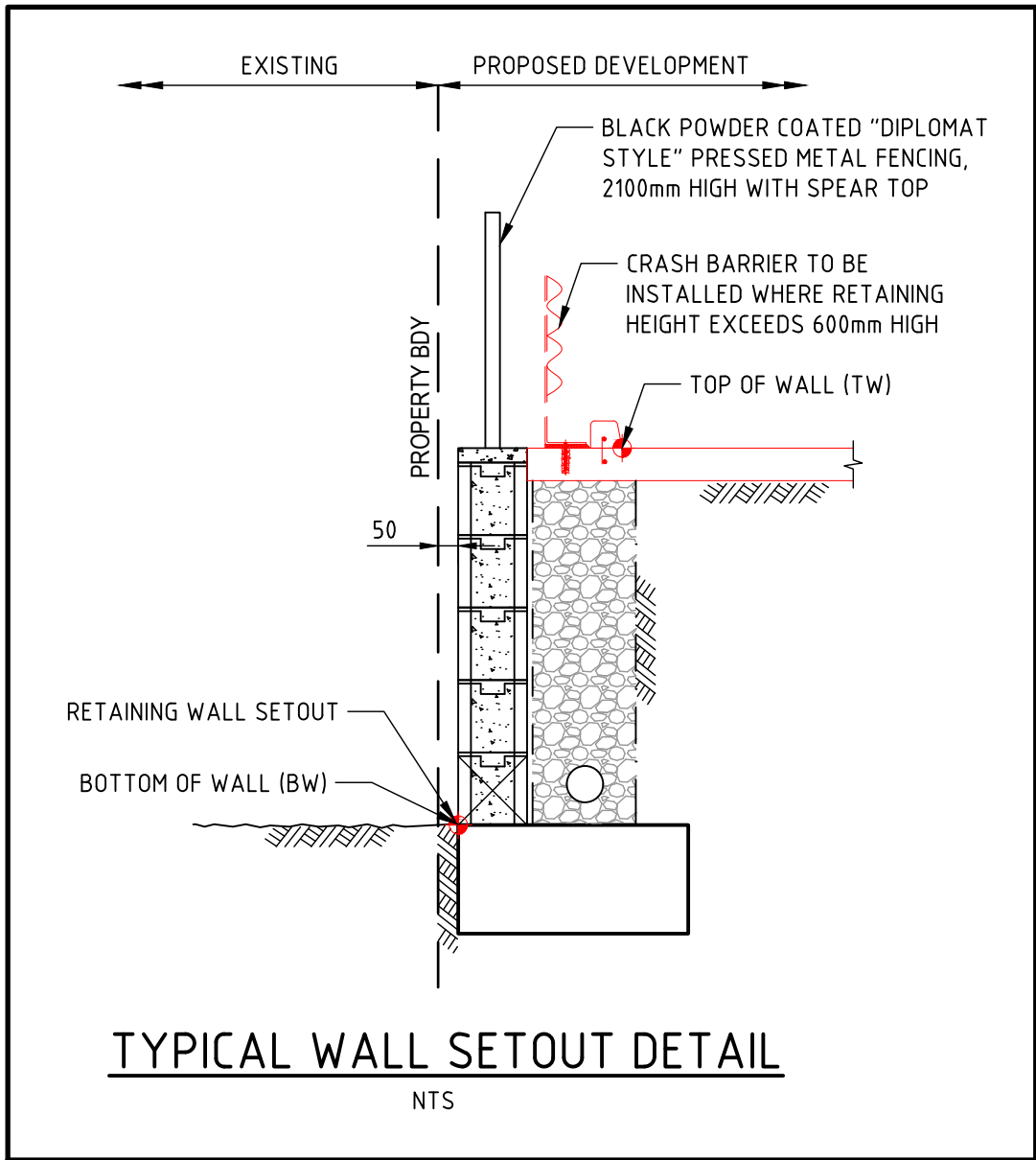
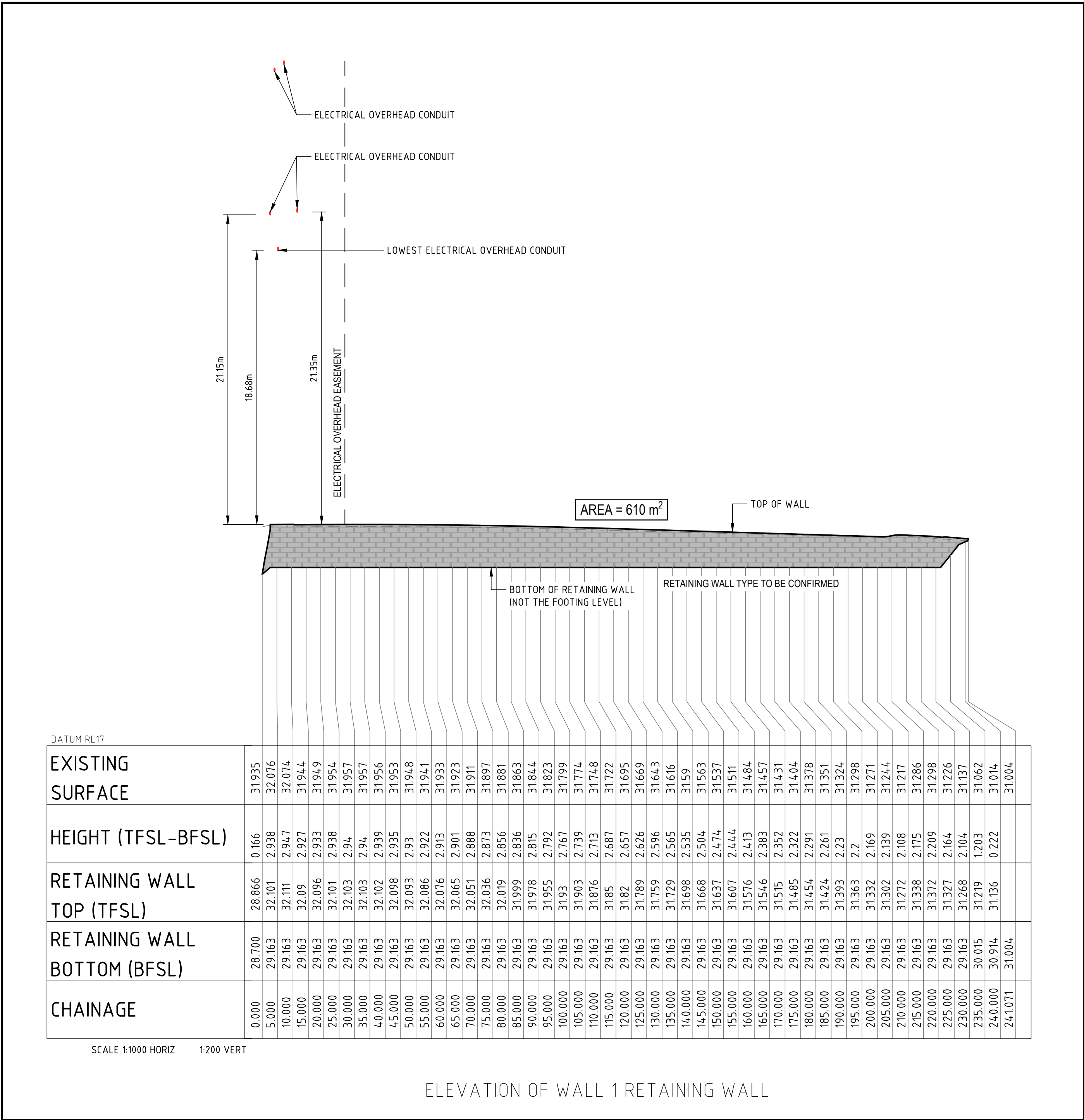
DRAWING NUMBER

DA-121

REVISION

B

DRAWING SHEET SIZE = A1



CTRL WALL 1->WALL 1 HORIZONTAL POINTS					
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	501140.727	6929395.168	28.700	304°45'4.13"
IP 2	2.725	501138.489	6929396.721	29.163	
	5.000	501139.624	6929398.693	29.163	29°56'20.58"
	10.000	501142.119	6929403.026	29.163	29°56'20.58"
	15.000	501144.615	6929407.358	29.163	29°56'20.58"
	20.000	501147.110	6929411.691	29.163	29°56'20.58"
	25.000	501149.606	6929416.024	29.163	29°56'20.58"
	30.000	501152.101	6929420.357	29.163	29°56'20.58"
	35.000	501154.596	6929424.690	29.163	29°56'20.58"
	40.000	501157.092	6929429.022	29.163	29°56'20.58"
	45.000	501159.587	6929433.355	29.163	29°56'20.58"
	50.000	501162.083	6929437.688	29.163	29°56'20.58"
	55.000	501164.578	6929442.021	29.163	29°56'20.58"
	60.000	501167.073	6929446.353	29.163	29°56'20.58"
	65.000	501169.569	6929450.686	29.163	29°56'20.58"
	70.000	501172.064	6929455.019	29.163	29°56'20.58"
	75.000	501174.559	6929459.352	29.163	29°56'20.58"
	80.000	501177.055	6929463.685	29.163	29°56'20.58"
	85.000	501179.550	6929468.017	29.163	29°56'20.58"
	90.000	501182.046	6929472.350	29.163	29°56'20.58"
	95.000	501184.541	6929476.683	29.163	29°56'20.58"
	100.000	501187.036	6929481.016	29.163	29°56'20.58"
	105.000	501189.532	6929485.348	29.163	29°56'20.58"
	110.000	501192.027	6929489.681	29.163	29°56'20.58"
	115.000	501194.523	6929494.014	29.163	29°56'20.58"
	120.000	501197.018	6929498.347	29.163	29°56'20.58"
	125.000	501199.513	6929502.680	29.163	29°56'20.58"
	130.000	501202.009	6929507.012	29.163	29°56'20.58"
	135.000	501204.504	6929511.345	29.163	29°56'20.58"
	140.000	501207.000	6929515.678	29.163	29°56'20.58"
	145.000	501209.495	6929520.011	29.163	29°56'20.58"
	150.000	501211.990	6929524.344	29.163	29°56'20.58"
	155.000	501214.486	6929528.676	29.163	29°56'20.58"
	160.000	501216.981	6929533.009	29.163	29°56'20.58"
	165.000	501219.477	6929537.342	29.163	29°56'20.58"
	170.000	501221.972	6929541.675	29.163	29°56'20.58"
	175.000	501224.467	6929546.007	29.163	29°56'20.58"
	180.000	501226.963	6929550.340	29.163	29°56'20.58"
	185.000	501229.458	6929554.673	29.163	29°56'20.58"
	190.000	501231.954	6929559.006	29.163	29°56'20.58"
	195.000	501234.449	6929563.339	29.163	29°56'20.58"
	200.000	501236.944	6929567.671	29.163	29°56'20.58"
	205.000	501239.440	6929572.004	29.163	29°56'20.58"
	210.000	501241.935	6929576.337	29.163	29°56'20.58"
	215.000	501244.430	6929580.670	29.163	29°56'20.58"
	220.000	501246.926	6929585.003	29.163	29°56'20.58"
	225.000	501249.421	6929589.335	29.163	29°56'20.58"
	230.000	501251.917	6929593.668	29.163	29°56'20.58"
IP 3	231.591	501252.711	6929595.047	29.163	
	235.000	501254.416	6929597.999	30.015	30°00'42.30"
IP 4	235.843	501254.838	6929598.729	30.226	
IP 5	237.871	501255.808	6929600.509	30.733	
	240.000	501257.221	6929602.102	30.914	41°35'31.30"
IP 6	241.071	501257.932	6929602.902	31.004	41°35'31.30"

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2024/1540

Date: 21 May 2025



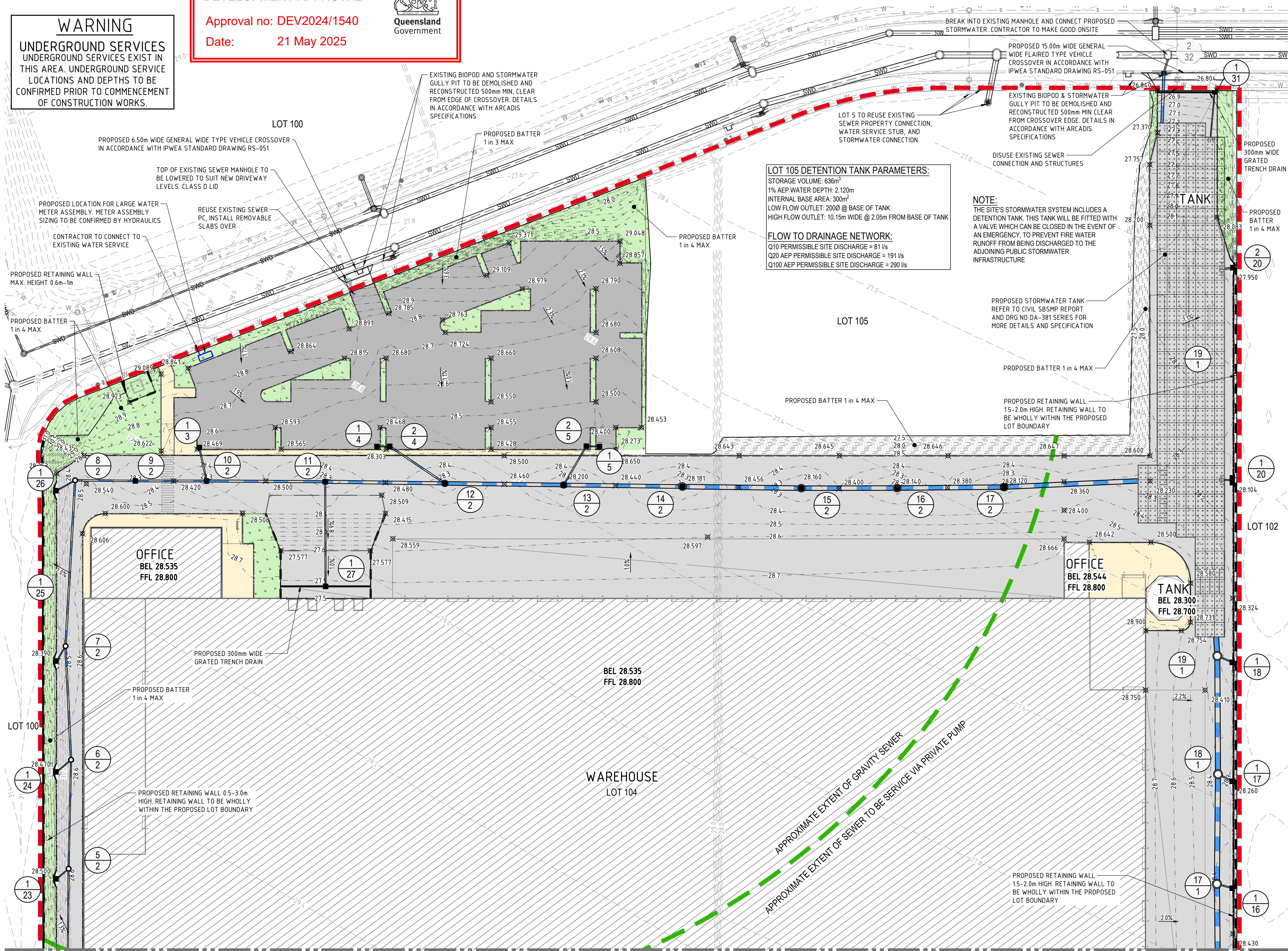
FOR APPROVAL

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2024/1540
Date: 21 May 2025



WARNING
UNDERGROUND SERVICES
UNDERGROUND SERVICES EXIST IN
THIS AREA. UNDERGROUND SERVICE
LOCATIONS AND DEPTHS TO BE
CONFIRMED PRIOR TO COMMENCEMENT
OF CONSTRUCTION WORKS.



LEGEND

XX.XX --- PROPOSED FINISHED SURFACE CONTOURS (0.10m INTERVAL)
XX.XX --- EXISTING SURFACE CONTOURS (0.10m INTERVAL)
RL XX.XX SPOT LEVEL (DESIGN)
BEL XX.XX BULK EARTHWORKS PAD LEVEL
FFL XX.XX FINISHED FLOOR LEVEL

--- PROPOSED INTEGRAL KERB
--- PROPOSED STORMWATER DRAINAGE
--- PROPOSED SEWERAGE RETICULATION
--- PROPOSED WATER RETICULATION
--- EXISTING STORMWATER DRAINAGE
--- EXISTING SEWERAGE RETICULATION
--- EXISTING WATER RETICULATION

--- PROPOSED RETAINING WALL BLOCKWORK
--- WORKS BOUNDARY
--- APPROXIMATE EXTENT OF 1 in 60 GRAVITY SEWER SERVICEABILITY
--- APPROXIMATE EXTENT OF 1 in 100 GRAVITY SEWER SERVICEABILITY

--- PROPOSED CONCRETE HARDSTAND.
--- PROPOSED CARPARK PAVEMENT.
--- PROPOSED CONCRETE FOOTPATH
--- PROPOSED LANDSCAPE AREA
--- EXISTING ROAD PAVEMENT

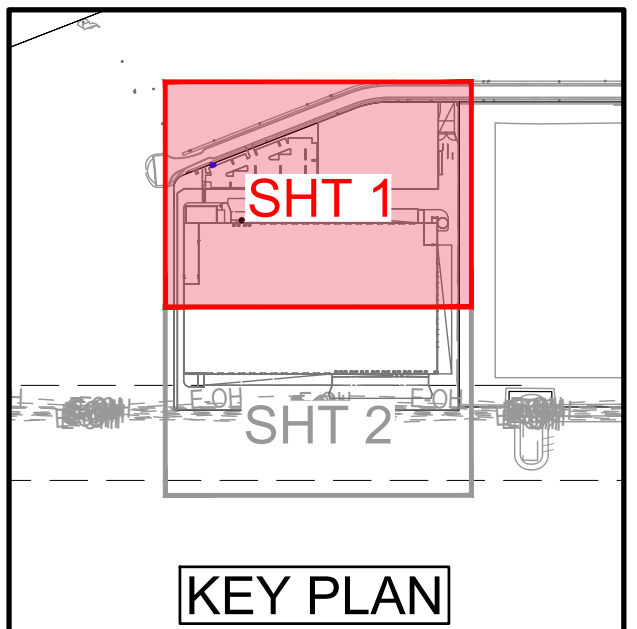
(X/X) PROPOSED STRUCTURE NUMBER
(X/X) EXISTING STRUCTURE NUMBER

NOTES

- FOR ROADWORKS & STORMWATER DRAINAGE DETAILS REFER C-220 SERIES DRAWINGS
- PROVIDE CRASH BARRIER WHERE DROP EXCEEDS 600mm

THRESHOLD NOTES

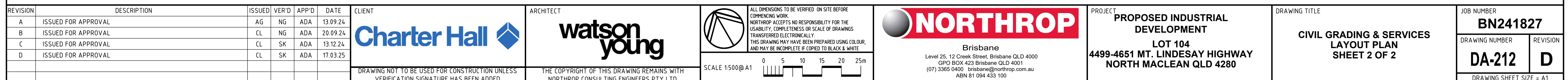
- PROVIDE A 50mm LEVEL DIFFERENCE BETWEEN THE INTERNAL AND EXTERNAL SLABS AT ALL ROLLER SHUTTER DOORS UNDER AWNINGS.
- PROVIDE A 100mm LEVEL DIFFERENCE BETWEEN THE INTERNAL AND EXTERNAL SLABS OF THE WAREHOUSE ALONG OTHER EDGES.
- PROVIDE A 30mm LEVEL DIFFERENCE BETWEEN THE INSIDE AND OUTSIDE SLABS AT THE OFFICES AND ALL ODA COMPLIANT DOORS.
- REFER TO ARCHITECT DRAWINGS FOR LOCATION OF ODA COMPLIANT DOORS.



FOR APPROVAL

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	SCALE	PROJECT	DRAWING TITLE	JOB NUMBER
A	ISSUED FOR APPROVAL	AG	NG	ADA	13.09.24	Charter Hall	watson young	SCALE 1:500@A1	PROPOSED INDUSTRIAL DEVELOPMENT LOT 104 4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280	CIVIL GRADING & SERVICES LAYOUT PLAN SHEET 1 OF 2	BN241827
B	ISSUED FOR APPROVAL	CL	NG	ADA	20.09.24						
C	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24						
D	RFI RESPONSE - FOR APPROVAL	CL	SK	ADA	16.12.24						
E	ISSUED FOR APPROVAL	CL	SK	ADA	17.03.25						
F	ISSUED FOR APPROVAL	CL	SK	ADA	28.03.25						
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		DRAWING SHEET SIZE = A1		

DRAWN: C. LOPEZ DESIGNED: R. MITCHELL JOB MANAGER: A. DE ANDRADE VERIFIER: S. KILLORAN R.P.E.Q. No: 25874





SECTION 2
SCALE 1:500H 250V QA-212



SECTION 3
SCALE 1:500H 250V DA-212



SECTION 4
SCALE 1:500H 250V QA-21



SECTION 5
SCALE 1:500H 250V QA-21

Date: 21 May 2025



SECTION 1
SCALE 1:500H 250V DA-212

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	 NORTHROP Brisbane Level 25, 12 Creek Street, Brisbane QLD 4000 GPO BOX 423 Brisbane QLD 4001 (07) 5365 0400 brisbane@northrop.com.au ABN 81 094 433 100 ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE. SCALE 1:250@A1 SCALE 1:500@A1 	PROJECT PROPOSED INDUSTRIAL DEVELOPMENT LOT 104 4499-4651 MT. LINDESAY HIGHWAY NORTH MACLEAN QLD 4280 DRAWING TITLE TYPICAL SECTIONS	JOB NUMBER BN241827 DRAWING NUMBER DA-220 REVISION A DRAWING SHEET SIZE = A1
A	ISSUED FOR APPROVAL	CL	SK	ADA	13.12.24	 DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS REPEATATION SIGNATURE HAS BEEN ADDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP (PNS) PTY LTD ENGINEERS, ARCHITECTS & PLANNERS			

