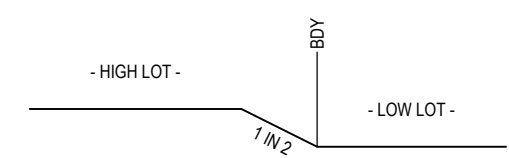
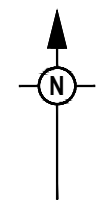




- LEGEND**
- PROPOSED AREA OF WORKS
 - 24.0- PROPOSED SURFACE CONTOUR
 - 24.0- EXISTING SURFACE CONTOUR
 - PROPOSED EARTHWORKS PAD SETBACK LINE
 - PROPOSED CONCRETE SLEEPER RETAINING WALL
 - 24.60 PROPOSED FINISHED SURFACE LEVEL (FSL) (AFTER TOPSOIL PLACEMENT)
 - 24.60 EXISTING SURFACE LEVEL (ESL)
 - PROPOSED AREA OF CUT
 - PROPOSED AREA OF FILL
 - INDICATIVE DRIVEWAY LOCATIONS
 - NON MANDATORY ZERO LOT BOUNDARY
 - PROPOSED KERB
 - EXISTING STORMWATER DRAINAGE PIPE
 - EXISTING SEWER MAIN
 - EXISTING WATER MAIN
 - EXISTING ELECTRICAL CABLE U/G
 - EXISTING ELECTRICAL CABLE O/H
 - EXISTING TELECOMMUNICATION CABLE U/G
 - EXISTING GAS MAIN
 - EXISTING RETAINING WALL



TYPICAL STEP BETWEEN LOTS DETAIL
 SCALE 1:50 (A1)
 SCALE 1:100 (A3)

EARTHWORKS VOLUMES

CUT m ³	FILL m ³
12373	10965

WARNING! - EXISTING SERVICES

EXTREME CARE SHOULD BE TAKEN WHEN EXCAVATING IN THIS AREA. THE FOLLOWING EXISTING SERVICES ARE LIKELY TO BE PRESENT IN THE VICINITY OF THE SITE:

- ELECTRICAL CABLES
- TELECOMMUNICATIONS CABLES
- GAS MAINS
- WATER MAINS
- SEWER MAINS

THE CONTRACTOR SHOULD CONTACT THE SERVICE PROVIDER FOR FURTHER INFORMATION AND SATISFY THEMSELVES OF ANY SPECIFIC TREATMENT OR REQUIREMENTS.

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
1	08.03.2022	BJS	BJS	FOR APPROVAL
2	15.03.2022	BJS	BJS	DRAFTING UPDATES
3	28.03.2022	BJS	BJS	BULK EARTHWORKS UPDATES
4	28.04.2022	BJS	BJS	UPDATES
5	12.05.2022	BJS	BJS	LEVEL CHANGES

NOT FOR CONSTRUCTION

DESIGN APPROVED
 ANDREW NGO RPEQ 12329

FOR AND ON BEHALF OF PEAKURBAN PTY LTD



SCALE

1:500 10 5 0 10 20 A1
 1:1000

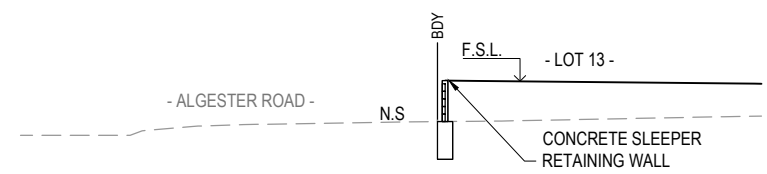
CLIENT
HB QLD PTY LTD

ASSOCIATED CONSULTANT

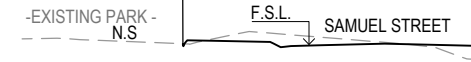
PROJECT NAME
148 ALGER ROAD CALAMVALE

DRAWING TITLE
BULK EARTHWORKS LAYOUT PLAN

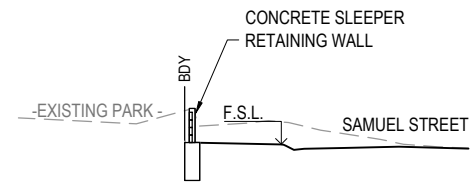
PROJECT No. 21-0333	DRAWING No. 102	REVISION 5
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RL 63.0
SECTION A
SCALE 1:100 (A1)
SCALE 1:200 (A3)



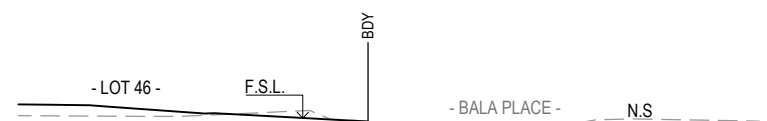
RL 65.0
SECTION B
SCALE 1:100 (A1)
SCALE 1:200 (A3)



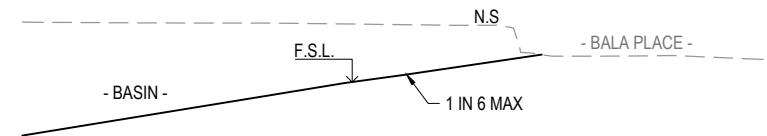
RL 65.0
SECTION C
SCALE 1:100 (A1)
SCALE 1:200 (A3)



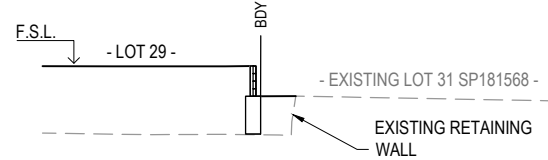
RL 66.0
SECTION D
SCALE 1:100 (A1)
SCALE 1:200 (A3)



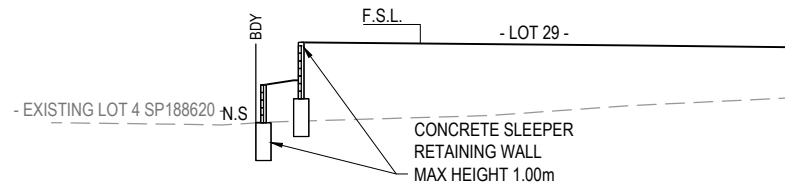
RL 62.0
SECTION E
SCALE 1:100 (A1)
SCALE 1:200 (A3)



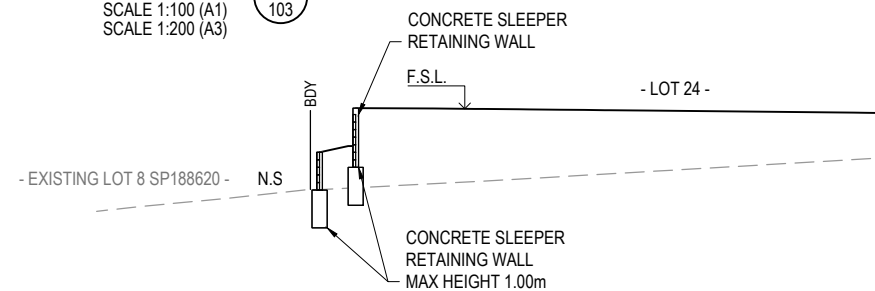
RL 55.0
SECTION F
SCALE 1:100 (A1)
SCALE 1:200 (A3)



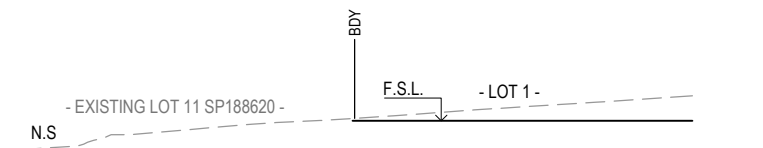
DATUM 55
SECTION G
SCALE 1:100 (A1)
SCALE 1:200 (A3)



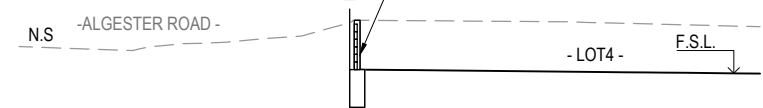
RL 54.0
SECTION H
SCALE 1:100 (A1)
SCALE 1:200 (A3)



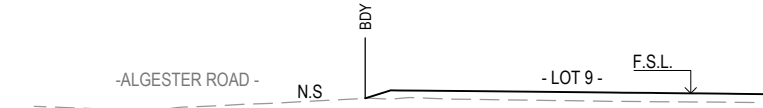
RL 55.0
SECTION I
SCALE 1:100 (A1)
SCALE 1:200 (A3)



RL 56.0
SECTION J
SCALE 1:100 (A1)
SCALE 1:200 (A3)

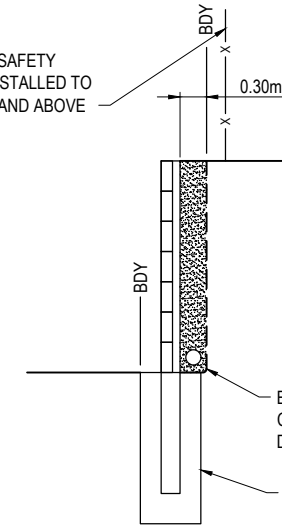


DATUM 58
SECTION K
SCALE 1:100 (A1)
SCALE 1:200 (A3)



DATUM 60
SECTION L
SCALE 1:100 (A1)
SCALE 1:200 (A3)

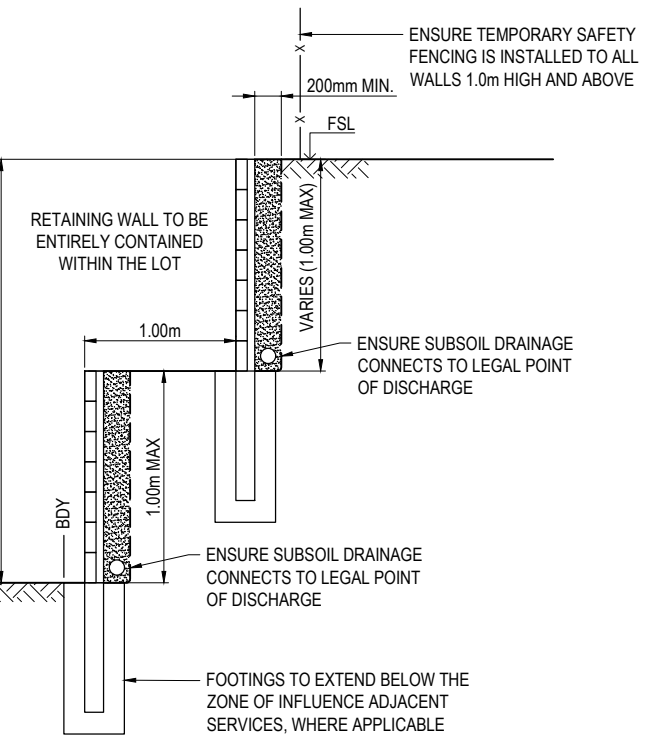
ENSURE TEMPORARY SAFETY FENCING IS INSTALLED TO ALL WALLS 1.0m HIGH AND ABOVE



CONCRETE SLEEPER RETAINING WALL
TYPICAL DETAIL
SCALE 1:25 (A1)
SCALE 1:50 (A3)

- RETAINING WALL NOTES:**
- ALL RETAINING WALLS ARE TO BE STRUCTURALLY DESIGNED AND CERTIFIED. FORMS 15 AND 16 ARE TO BE PROVIDED.
 - DESIGN OF WALLS TO CONSIDER ALL LOADS (FENCES, DWELLINGS ETC) AND ASSOCIATED IMPACTS FROM ANY ADJACENT SERVICES - FOOTING DEPTHS TO BE EXTENDED AS REQUIRED.
 - GEOTECHNICAL CONDITIONS ARE TO BE CONFIRMED AND APPROPRIATELY CONSIDERED FOR ALL WALLS.
 - REFER LANDSCAPE DRAWINGS FOR FURTHER INFORMATION ON RETAINING WALLS, PARTICULARLY RELATING TO FINISHES.
 - TEMPORARY SAFETY FENCING TO BE INSTALLED BEHIND ALL WALLS 1.0m HIGH AND GREATER.
 - WALLS TO BE DESIGNED TO ACCOMMODATE A SURCHARGE SUITABLE FOR A RESIDENTIAL HOUSE IMMEDIATELY BEHIND THE WALL. REFER TYPICAL DETAIL.

NOTE:
WALL POSITION RELATIVE TO PROPERTY BOUNDARY AS SHOWN ON LAYOUT PLAN AND IN TYPICAL SECTIONS



TIERED CONCRETE SLEEPER RETAINING WALL
TYPICAL DETAIL
SCALE 1:25 (A1)

REV	DATE	DESIGN	DRAWN	REVISION DETAILS	DRAWN	STATUS	SCALE	CLIENT	PROJECT NAME	DRAWING TITLE
1	08.03.2022	BJS	BJS	FOR APPROVAL			1:100	HB QLD PTY LTD	148 ALGER ROAD CALAMVALE	BULK EARTHWORKS CROSS SECTIONS
2	28.03.2022	BJS	BJS	BULK EARTHWORKS UPDATES			1:200			
3	08.04.2022	BJS	BJS	UPDATES						
4	12.05.2022	BJS	BJS	LEVEL CHANGES						
NOT FOR CONSTRUCTION							 SUNVALE CALAMVALE		PROJECT No. 21-0333 DRAWING No. 103 REVISION 4	
DESIGN APPROVED ANDREW NGO RPEQ 12329							SCALE 1:100 1 0 1 2 3 4 5 A1 1:200		ASSOCIATED CONSULTANT	
FOR AND ON BEHALF OF PEAKURBAN PTY LTD							DATUM 58 SECTION K SCALE 1:100 (A1) SCALE 1:200 (A3)		PROJECT No. 21-0333 DRAWING No. 103 REVISION 4	