

NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH ATCOP 2013 STANDARDS. ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND CONCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
2. THE CONTRACTOR SHALL EXTEND ROAD CONSTRUCTION 2m PAST THE STAGE BOUNDARY FOR FUTURE INTERNAL SUBDIVISION CONNECTIONS.
3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
4. ALL ROAD MARKING AND ROAD SIGNAGE IS TO BE CONSTRUCTED AS PER TRANSIT NEW ZEALAND'S MANUAL OF SIGNS AND MARKINGS, AND ATCOP.
5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
6. REFER TO SOLA LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.
7. STREET LIGHTS SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD PROJECT: MURIWAI DOWNS GOLF PROJECT TITLE: PROPOSED ROADING OVERALL PLAN PURPOSE OF ISSUE: FOR CONSENT

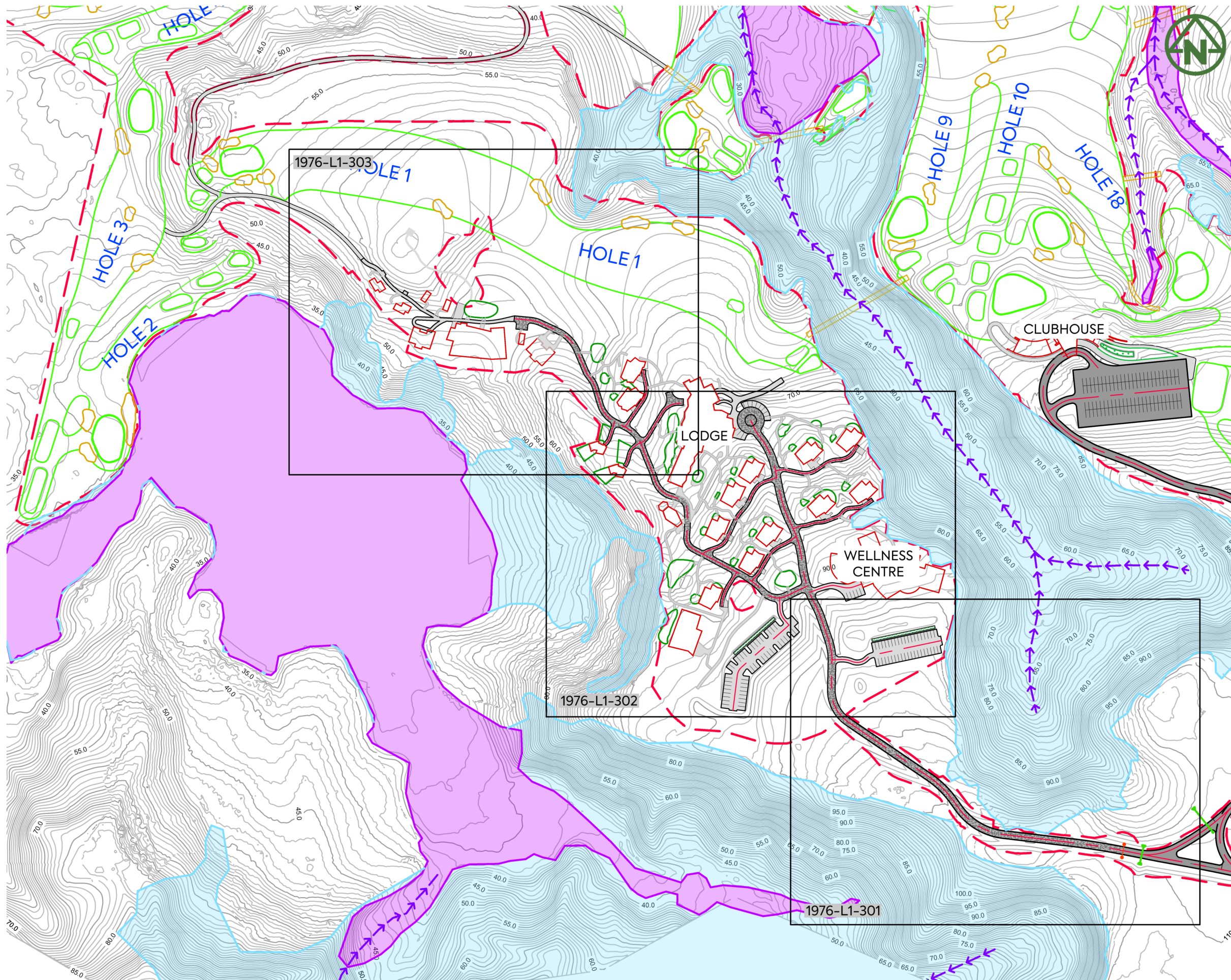
610 & 697 MURIWAI ROAD MURIWAI VALLEY

SCALE: 1:7500 @ A3 DO NOT SCALE

DRAWING NO: 1976-1-300 REV: C



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



- NOTES:**
1. ALL WORK AND MATERIALS TO COMPLY WITH ATCOP 2013 STANDARDS. ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND CONCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
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LEGEND:

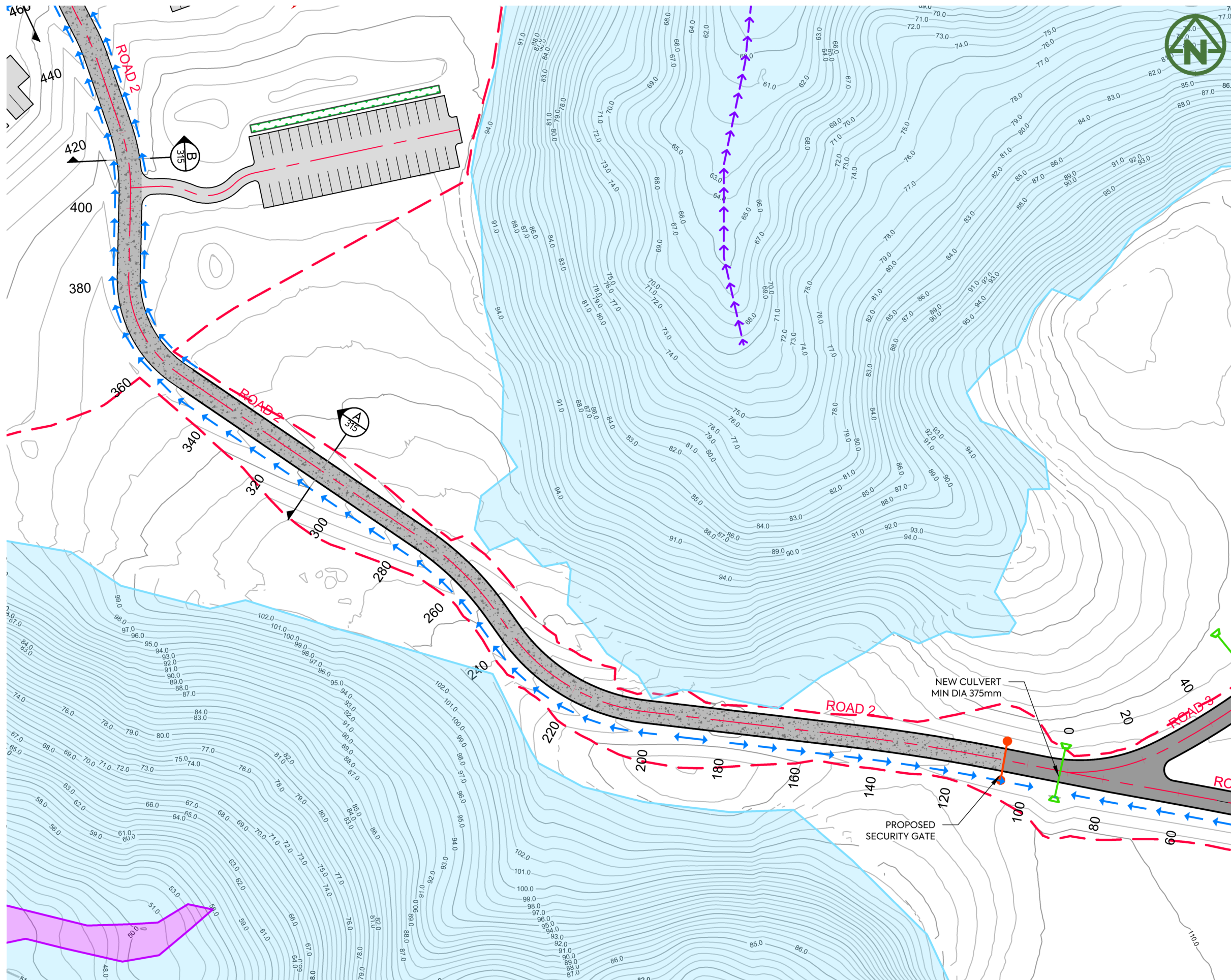
EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD PROJECT: MURIWAI DOWNS GOLF PROJECT TITLE: PROPOSED ROADING GOLF LODGE OVERALL PLAN SHEET 1 PURPOSE OF ISSUE: FOR CONSENT

SCALE: 1:4000 @ A3 DO NOT SCALE DRAWING NO: 1976-L1-300A REV: C

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



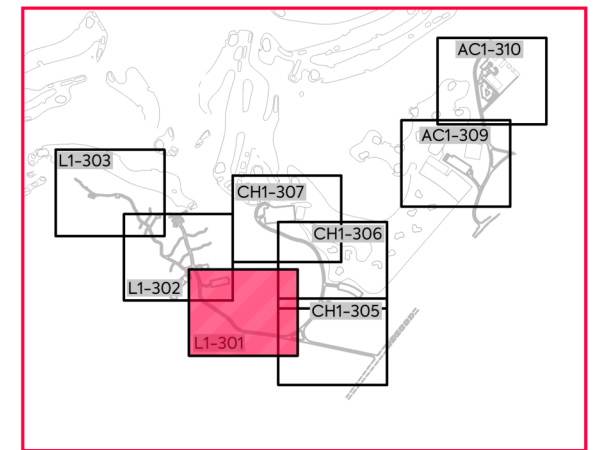


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

- EXTENT OF WORKS
- ROAD CENTRELINES & CHAINAGE
- PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
- PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)
- PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)
- PROPOSED STORMWATER CULVERT ROAD CROSSING
- OFFROAD RAINGARDEN
- EXISTING SHOULDER DRAIN
- PROPOSED SHOULDER DRAIN
- PROPOSED STREET LIGHT
- BUILDING PLATFORM
- FINISHED (5m) MAJOR CONTOUR
- FINISHED (1m) MINOR CONTOUR
- EXISTING WETLANDS
- MAPPED SEA/ONF (BY ECOLOGIST)

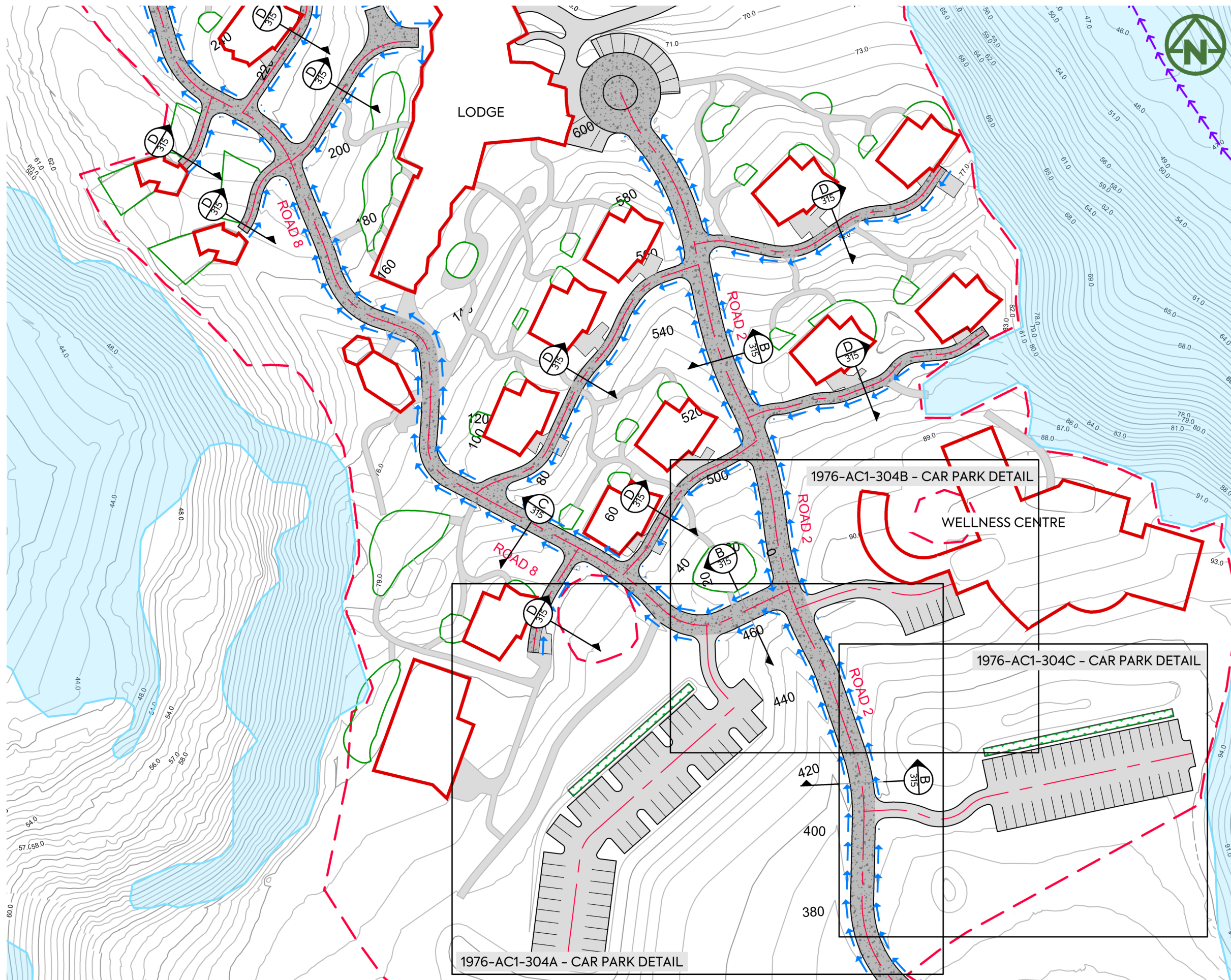


DRAWING LAYOUT PLAN

<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT: MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED ROADING GOLF CLUBHOUSE LAYOUT PLAN SHEET 2</p>
<p>PURPOSE OF ISSUE: FOR CONSENT</p>		
<p>SCALE: 1:1000 @ A3</p>		
<p>DO NOT SCALE</p>		
<p>DRAWING NO: 1976-L1-301 REV: C</p>		

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



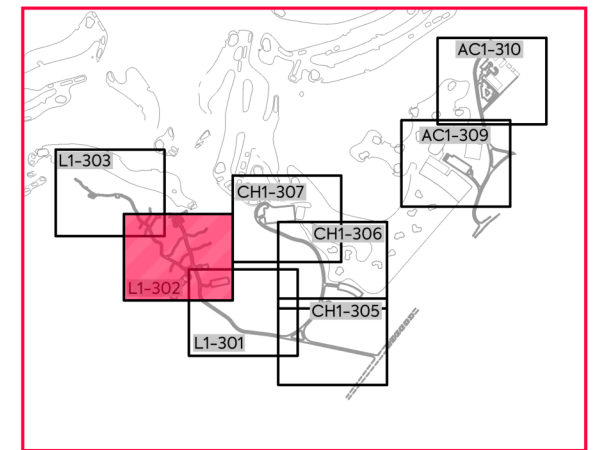


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	



DRAWING LAYOUT PLAN

CLIENT: PROJECT: TITLE:

THE BEARS HOME PROJECT MANAGEMENT LTD
 MURIWAI DOWNS GOLF PROJECT
 610 & 697 MURIWAI ROAD
 MURIWAI VALLEY

PROPOSED ROADING
 GOLF LODGE
 LAYOUT PLAN
 SHEET 3

PURPOSE OF ISSUE:
FOR CONSENT

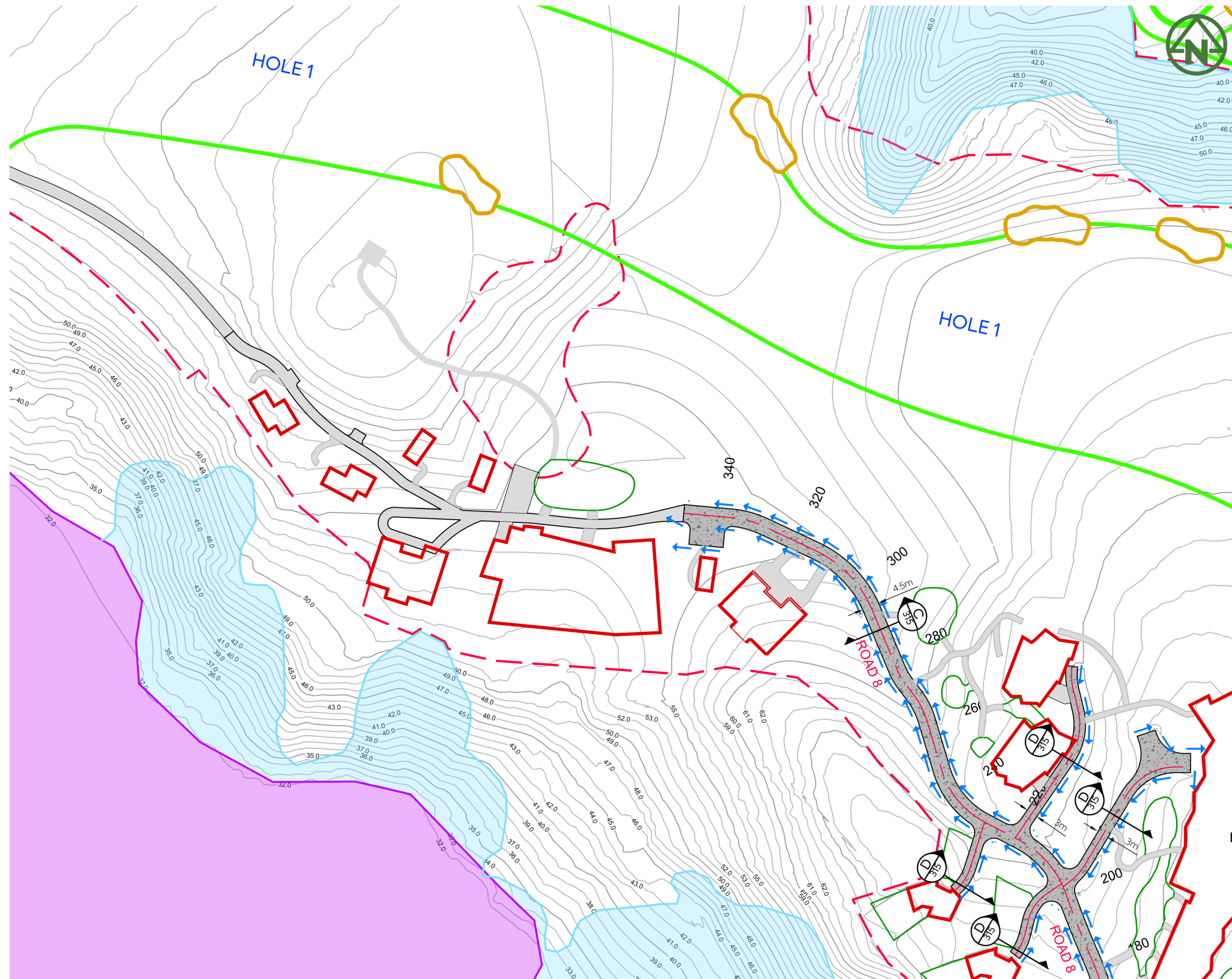
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1:1000 @ A3

DO NOT SCALE
 DRAWING NO: REV:

1976-L1-302 **C**

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



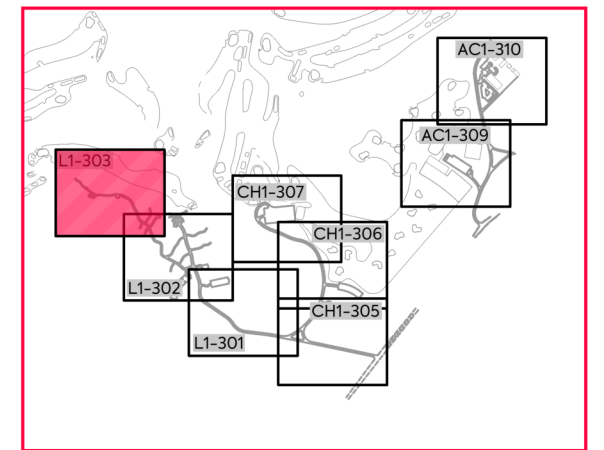


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	



DRAWING LAYOUT PLAN

CLIENT: PROJECT: TITLE:

THE BEARS HOME PROJECT MANAGEMENT LTD
MURIWAI DOWNS GOLF PROJECT
 610 & 697 MURIWAI ROAD
 MURIWAI VALLEY

PROPOSED ROADING GOLF LODGE LAYOUT PLAN SHEET 4

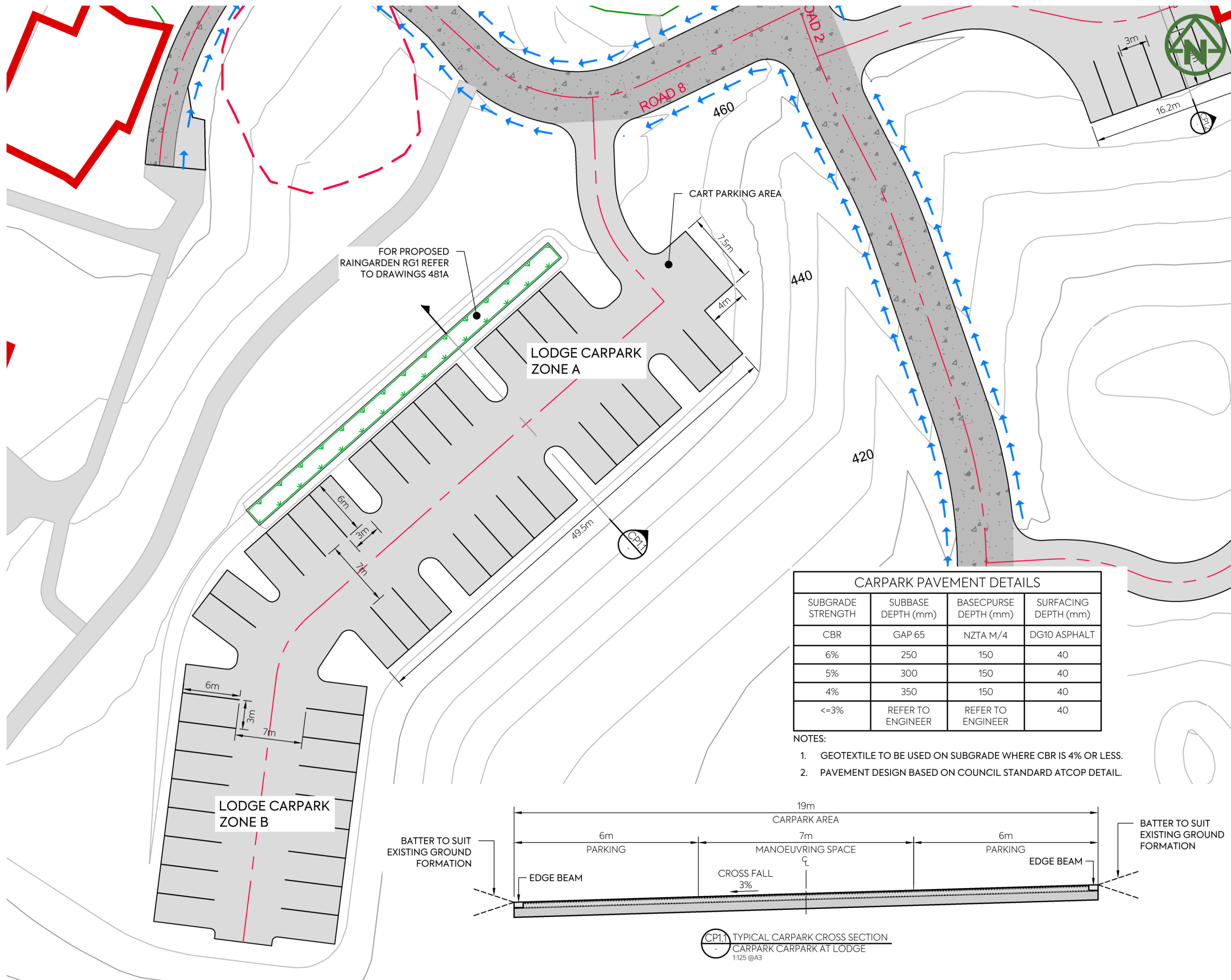
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:1000 @ A3
 DO NOT SCALE

DRAWING NO.: **1976-L1-303** REV: **C**

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21

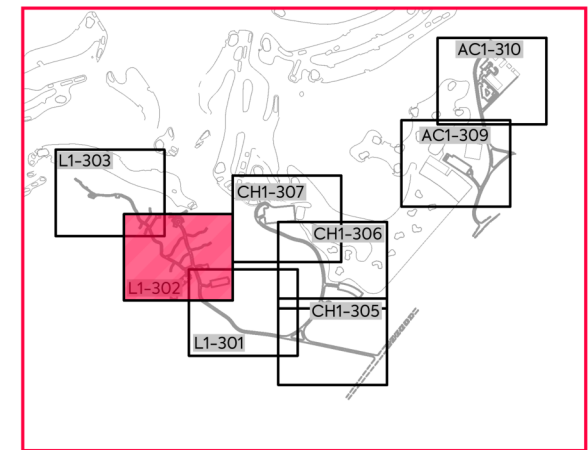
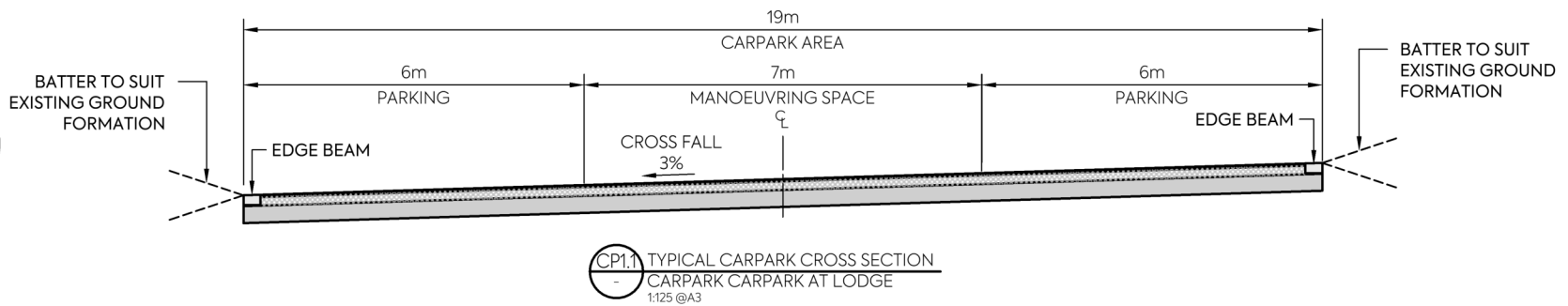




- NOTES:**
- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.
- LEGEND:**
- EXTENT OF WORKS
 - ROAD CENTRELINES & CHAINAGE
 - PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
 - PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED STORMWATER CULVERT ROAD CROSSING
 - OFFROAD RAINGARDEN
 - EXISTING SHOULDER DRAIN
 - PROPOSED SHOULDER DRAIN
 - PROPOSED STREET LIGHT
 - BUILDING PLATFORM
 - FINISHED (5m) MAJOR CONTOUR
 - FINISHED (1m) MINOR CONTOUR
 - EXISTING WETLANDS
 - MAPPED SEA/ONF (BY ECOLOGIST)

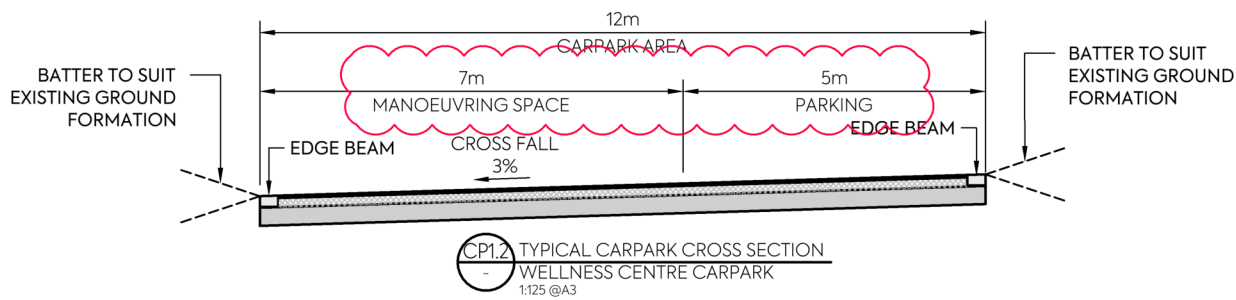
CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
5%	300	150	40
4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

- NOTES:**
- GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
 - PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.



DRAWING LAYOUT PLAN

		CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD PROJECT: MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY	TITLE: PROPOSED ROADING GOLF LODGE LAYOUT PLAN SHEET 5	PURPOSE OF ISSUE: FOR CONSENT SCALE: 1:400 @ A3 DO NOT SCALE DRAWING NO: 1976-L1-304A REV: C
C ISSUED FOR CONSENT B SECOND ISSUE A FIRST ISSUE	MO CIM JSD 26/11/21 MO CIM JSD 05/11/21 MO CIM JSD 24/08/21			
REV DESCRIPTION DRN BY CHK BY APP BY DATE				



CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
5%	300	150	40
4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

- NOTES:**
- GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
 - PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.

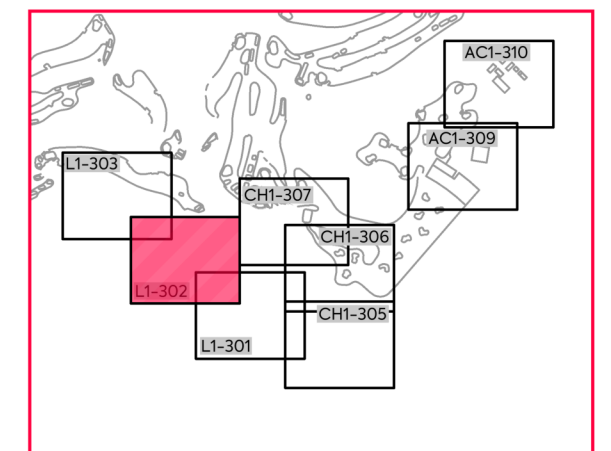
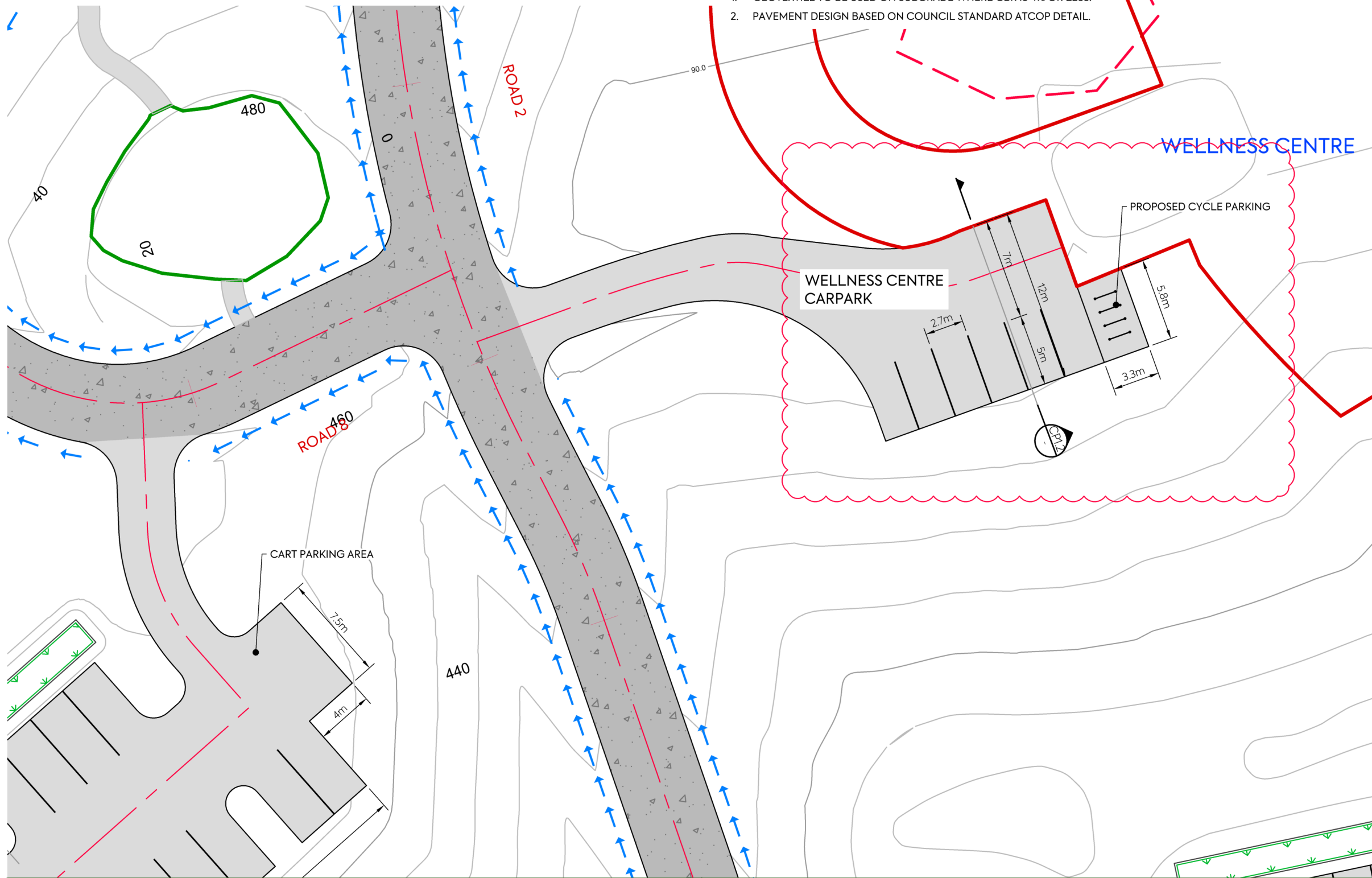


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

- EXTENT OF WORKS
- ROAD CENTRELINES & CHAINAGE
- PROPOSED ASPHALTIC PAVEMENT (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
- PROPOSED CONCRETE PAVEMENT (REFER TO DRAWING 315 & 326 FOR DETAILS)
- PROPOSED CONCRETE PAVEMENT WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)
- PROPOSED STORMWATER CULVERT ROAD CROSSING
- OFFROAD RAINGARDEN
- EXISTING SHOULDER DRAIN
- PROPOSED SHOULDER DRAIN
- PROPOSED STREET LIGHT
- BUILDING PLATFORM
- FINISHED (5m) MAJOR CONTOUR
- FINISHED (1m) MINOR CONTOUR
- EXISTING WETLANDS
- MAPPED SEA/ONF (BY ECOLOGIST)



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



MCKENZIE & CO.

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT: MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY

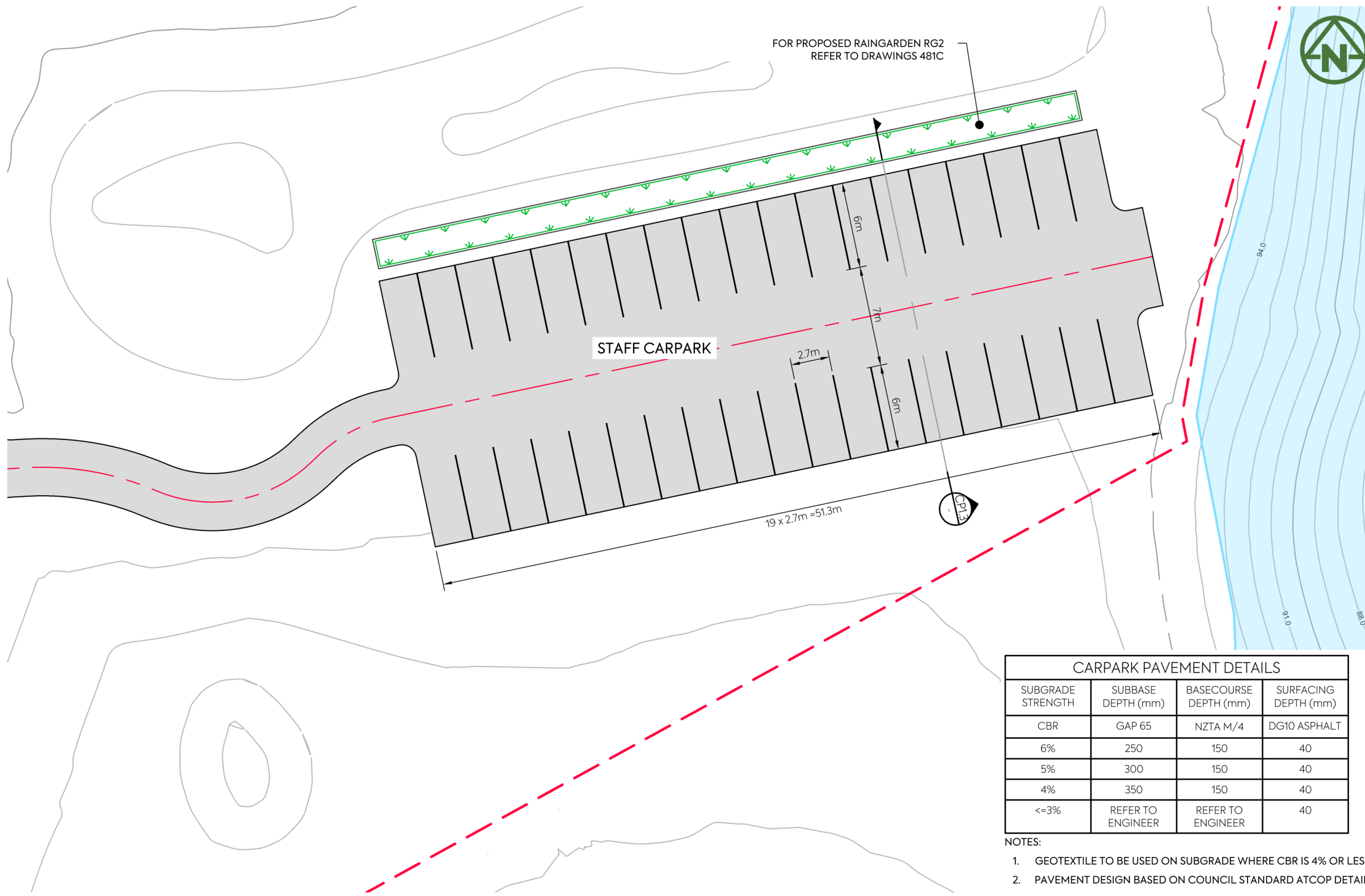
TITLE: PROPOSED ROADING
GOLF LODGE
LAYOUT PLAN
SHEET 6

PURPOSE OF ISSUE: FOR CONSENT

SCALE: 1:300 @ A3

DO NOT SCALE

DRAWING NO: 1976-L1-304B REV: D



NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

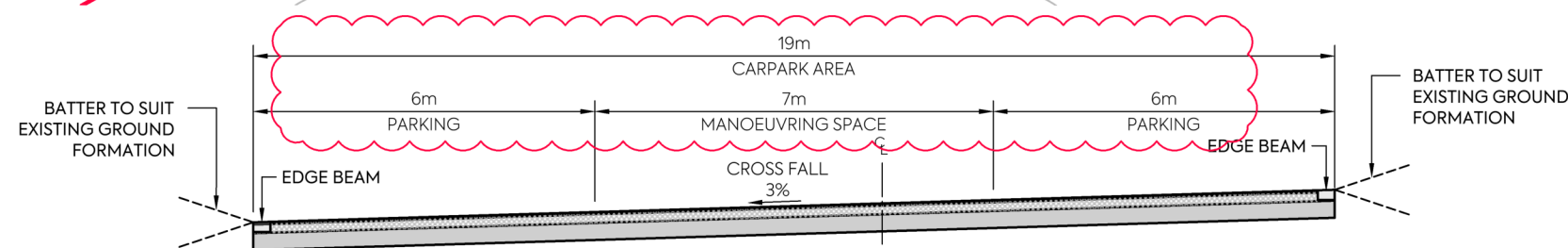
LEGEND:

- EXTENT OF WORKS
- ROAD CENTRELINES & CHAINAGE
- PROPOSED ASPHALTIC PAVEMENT (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
- PROPOSED CONCRETE PAVEMENT (REFER TO DRAWING 315 & 326 FOR DETAILS)
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- FINISHED (5m) MAJOR CONTOUR
- FINISHED (1m) MINOR CONTOUR
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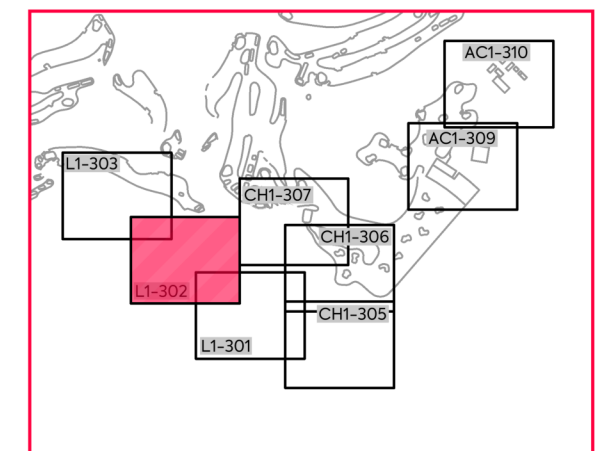
CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
5%	300	150	40
4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

NOTES:

- GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
- PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.



CP1.3 TYPICAL CARPARK CROSS SECTION
STAFF CARPARK
1:125 @A3



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	08/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



MCKENZIE & CO.

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT: MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY

TITLE: PROPOSED ROADING
GOLF LODGE
LAYOUT PLAN
SHEET 7

PURPOSE OF ISSUE: FOR CONSENT

SCALE: 1:300 @ A3

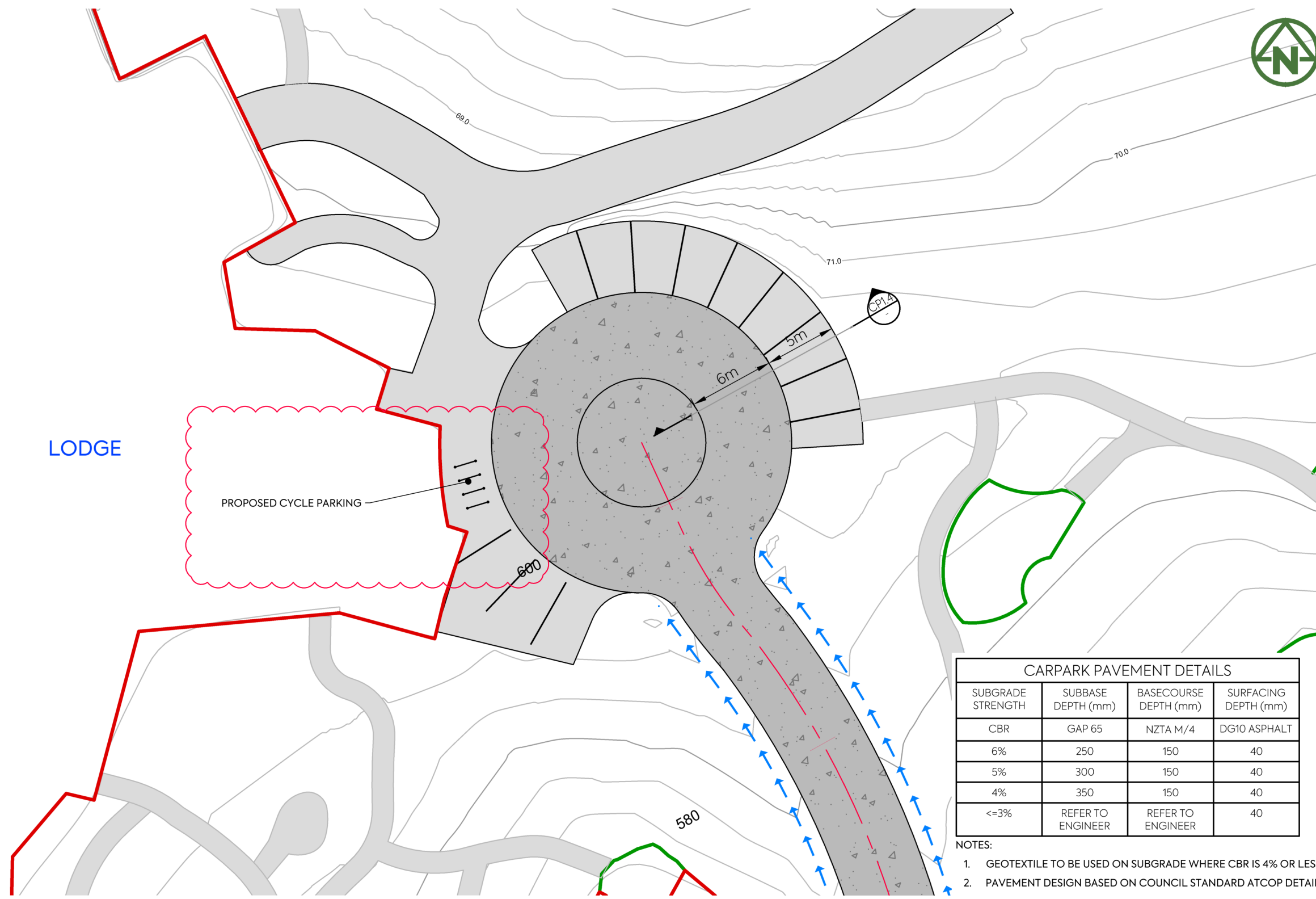
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DRAWING NO. 1976-L1-304C REV. D



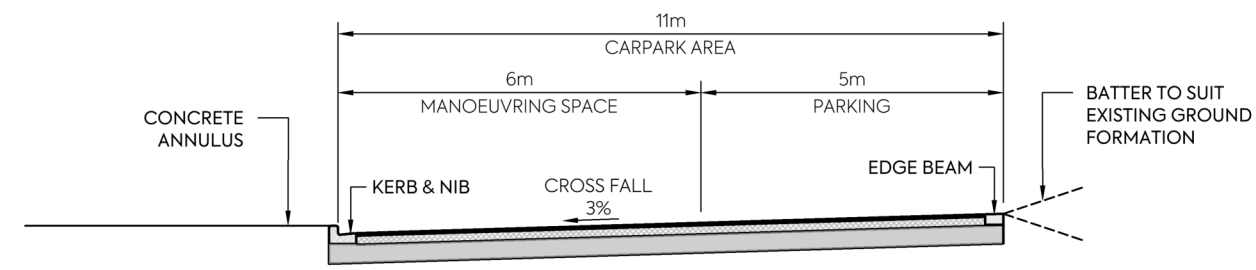
NOTES:
 1. REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

- LEGEND:**
- EXTENT OF WORKS
 - ROAD CENTRELINES & CHAINAGE
 - PROPOSED ASPHALTIC PAVEMENT (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
 - PROPOSED CONCRETE PAVEMENT (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED CONCRETE PAVEMENT WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)
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 - OFFROAD RAINGARDEN
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 - BUILDING PLATFORM
 - FINISHED (5m) MAJOR CONTOUR
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 - MAPPED SEA/ONF (BY ECOLOGIST)

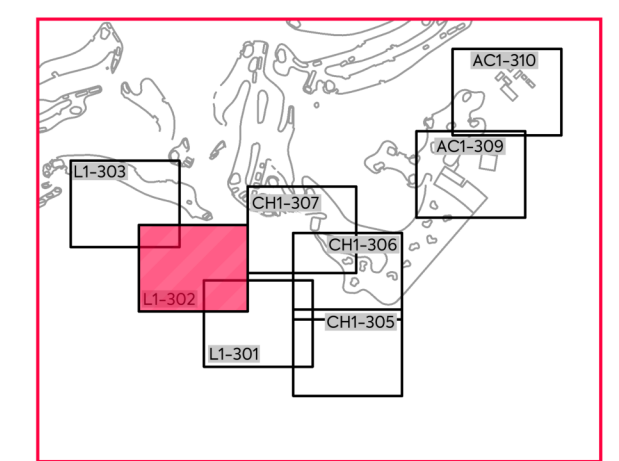


CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
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4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

NOTES:
 1. GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
 2. PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.

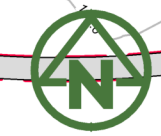
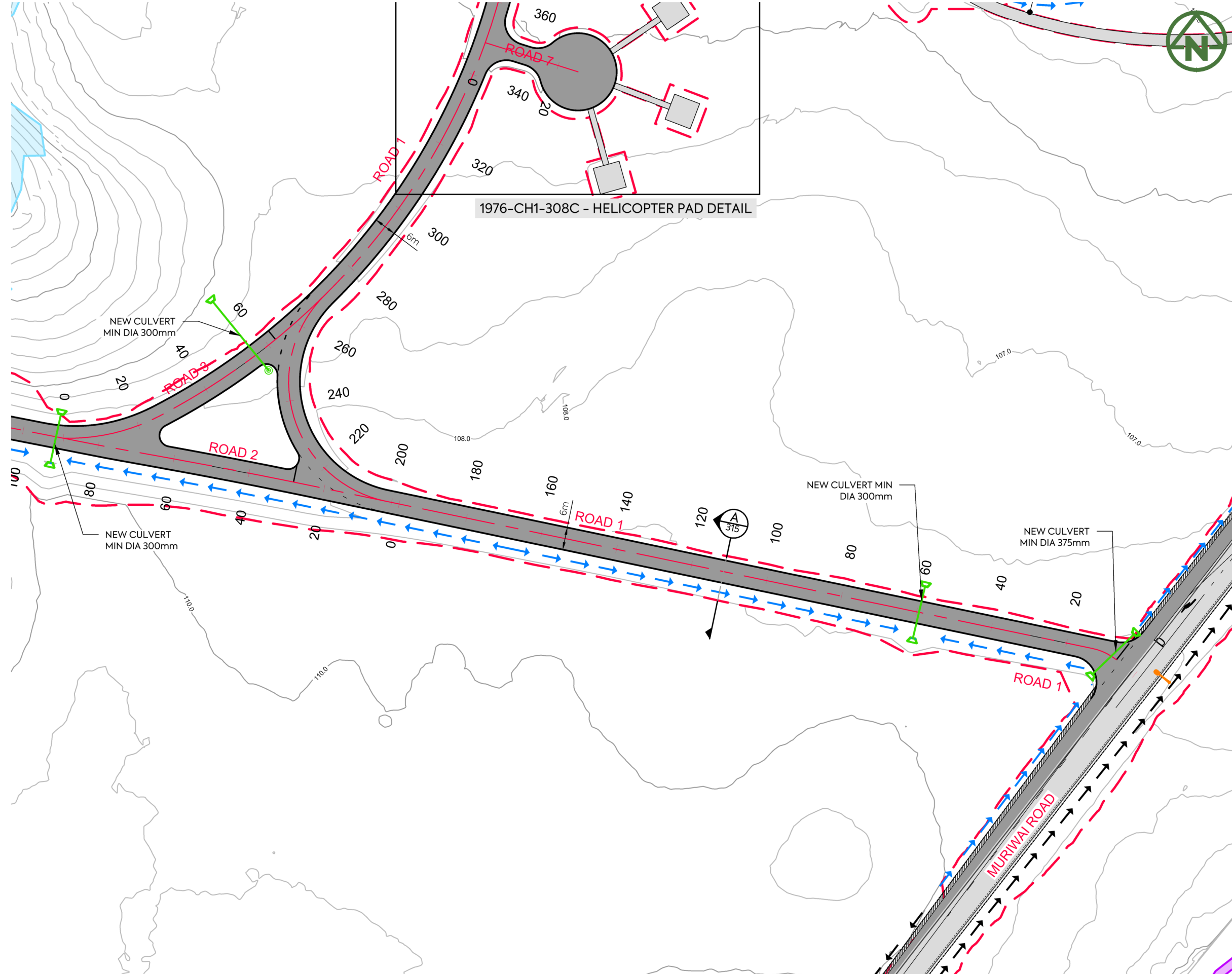


CPI.A TYPICAL CARPARK CROSS SECTION
 LODGE CARPARK
 1:125 @A3

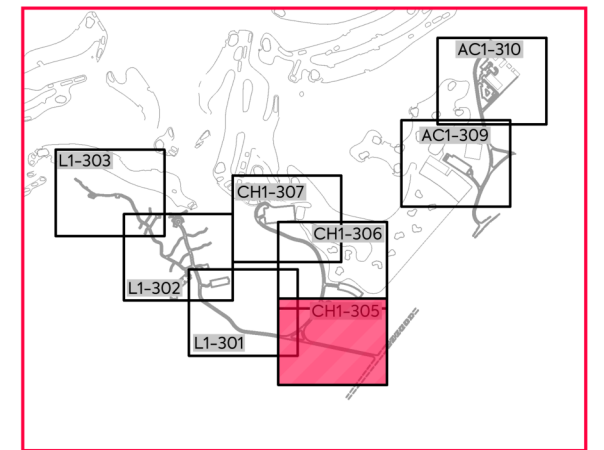


DRAWING LAYOUT PLAN

<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p> <p>PROJECT: MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED ROADING GOLF LODGE LAYOUT PLAN SHEET 8</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p> <p>SCALE: 1:300 @ A3 DO NOT SCALE</p> <p>DRAWING NO: 1976-L1-304D</p>	<p>REV: D</p>																														
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D	S92 RESPONSE	MO	CIM	JSD	04/03/22																												
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																												
B	SECOND ISSUE	MO	CIM	JSD	05/11/21																												
A	FIRST ISSUE	MO	CIM	JSD	24/08/21																												



- NOTES:**
- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.
- LEGEND:**
- EXTENT OF WORKS
 - ROAD CENTRELINES & CHAINAGE
 - PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
 - PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED STORMWATER CULVERT ROAD CROSSING
 - OFFROAD RAINGARDEN
 - EXISTING SHOULDER DRAIN
 - PROPOSED SHOULDER DRAIN
 - PROPOSED STREET LIGHT
 - BUILDING PLATFORM
 - FINISHED (5m) MAJOR CONTOUR
 - FINISHED (1m) MINOR CONTOUR
 - EXISTING WETLANDS
 - MAPPED SEA/ONF (BY ECOLOGIST)



DRAWING LAYOUT PLAN

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT: MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY

TITLE: PROPOSED ROADING GOLF CLUBHOUSE LAYOUT PLAN SHEET 9

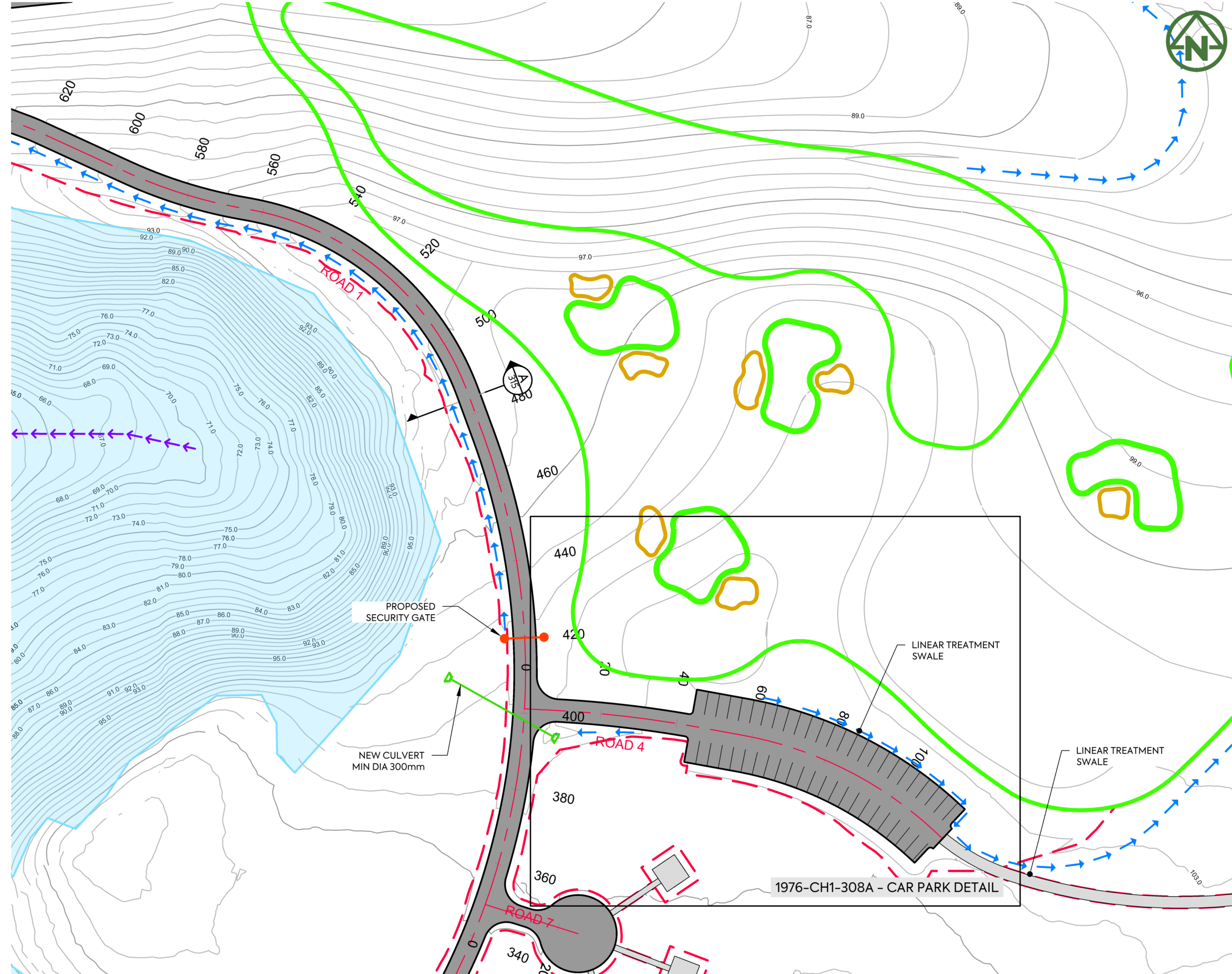
PURPOSE OF ISSUE: FOR CONSENT

SCALE: 1:1000 @ A3
DO NOT SCALE

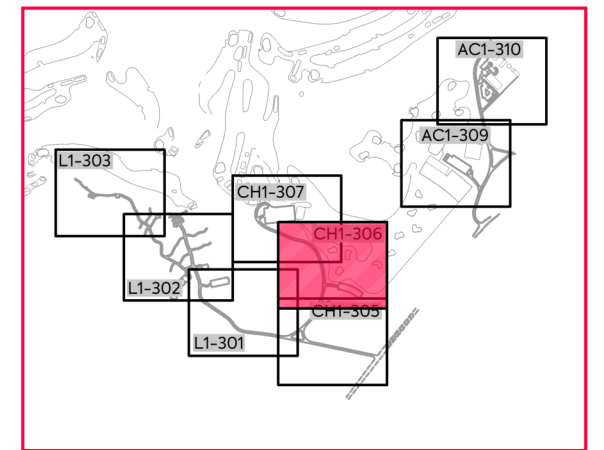
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21





- NOTES:**
- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.
- LEGEND:**
- EXTENT OF WORKS:
 - ROAD CENTRELINES & CHAINAGE:
 - PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS):
 - PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS):
 - PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS):
 - PROPOSED STORMWATER CULVERT ROAD CROSSING:
 - OFFROAD RAINGARDEN:
 - EXISTING SHOULDER DRAIN:
 - PROPOSED SHOULDER DRAIN:
 - PROPOSED STREET LIGHT:
 - BUILDING PLATFORM:
 - FINISHED (5m) MAJOR CONTOUR:
 - FINISHED (1m) MINOR CONTOUR:
 - EXISTING WETLANDS:
 - MAPPED SEA/ONF (BY ECOLOGIST):



DRAWING LAYOUT PLAN

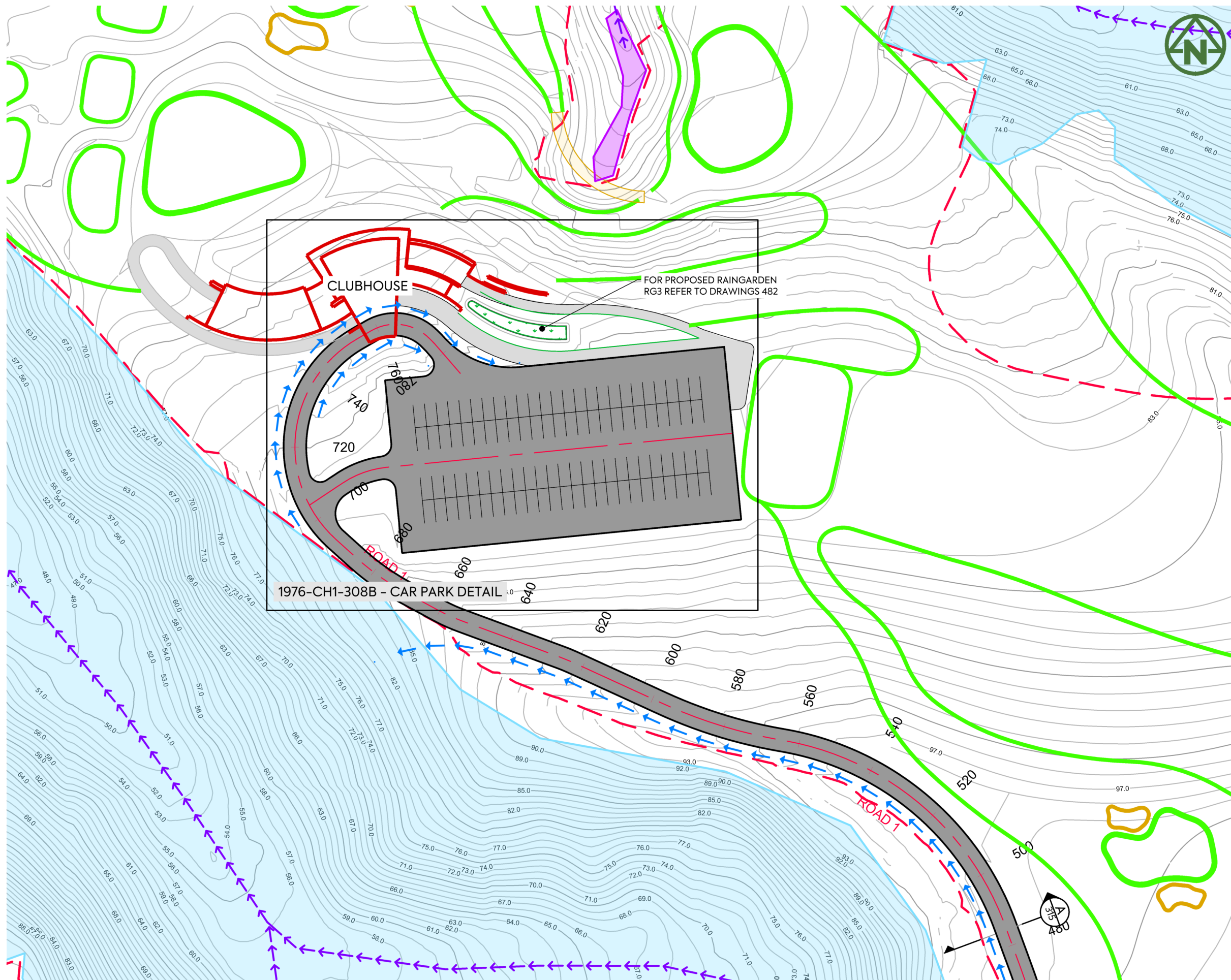
CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD PROJECT: MURIWAI DOWNS GOLF PROJECT TITLE: PROPOSED ROADING LAYOUT PLAN SHEET 10 PURPOSE OF ISSUE: FOR CONSENT

SCALE: 1:1000 @ A3 DO NOT SCALE

DRAWING NO: 1976-CH1-306 REV: C

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21



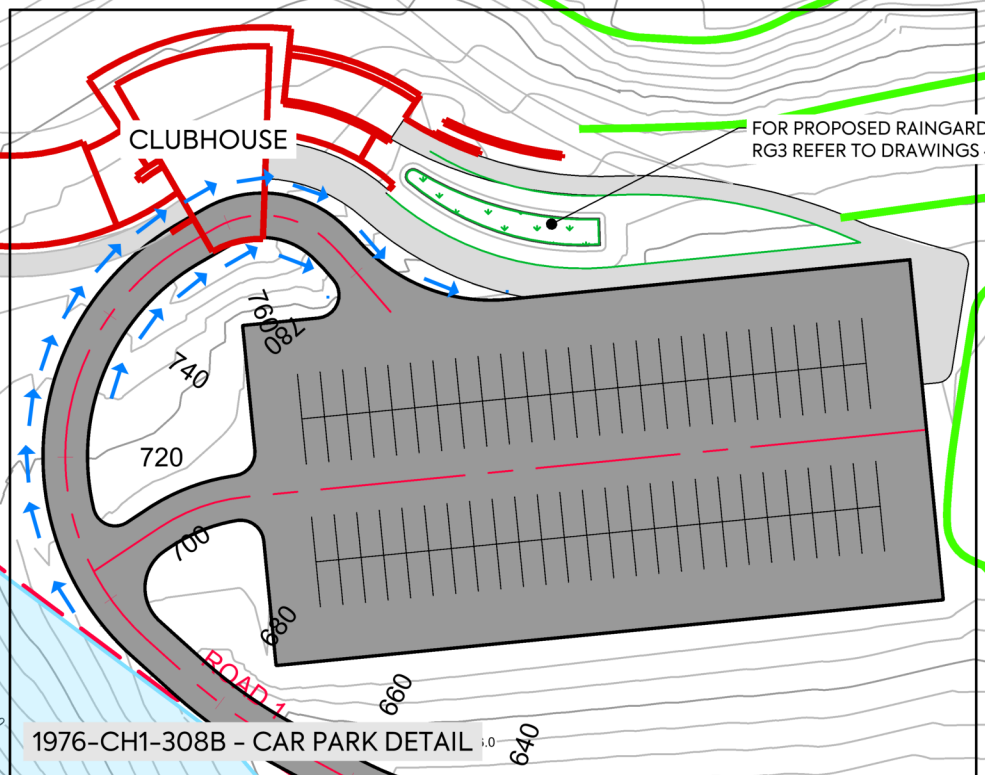


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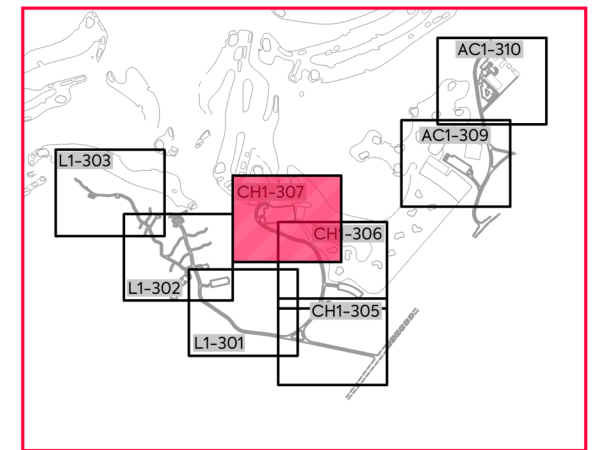
- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	



1976-CH1-308B - CAR PARK DETAIL



DRAWING LAYOUT PLAN

CLIENT: PROJECT: TITLE:

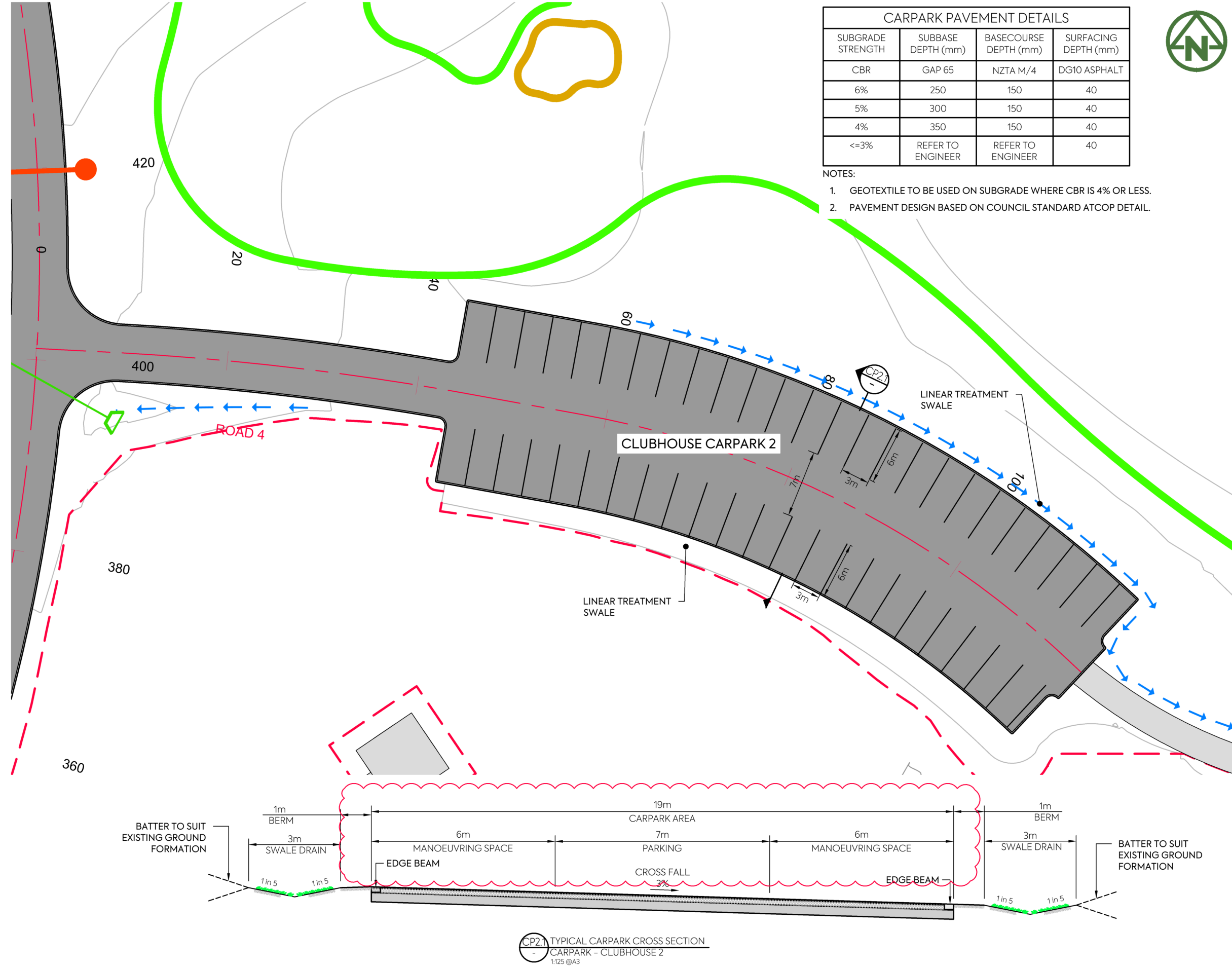
THE BEARS HOME PROJECT MANAGEMENT LTD
 MURIWAI DOWNS GOLF PROJECT
 610 & 697 MURIWAI ROAD
 MURIWAI VALLEY

PROPOSED ROADING
 GOLF CLUBHOUSE
 LAYOUT PLAN
 SHEET 11

PURPOSE OF ISSUE:
FOR CONSENT
 SCALE:
1:1000 @ A3
 DO NOT SCALE
 DRAWING NO.: **1976-CH1-307**
 REV: **C**

C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE





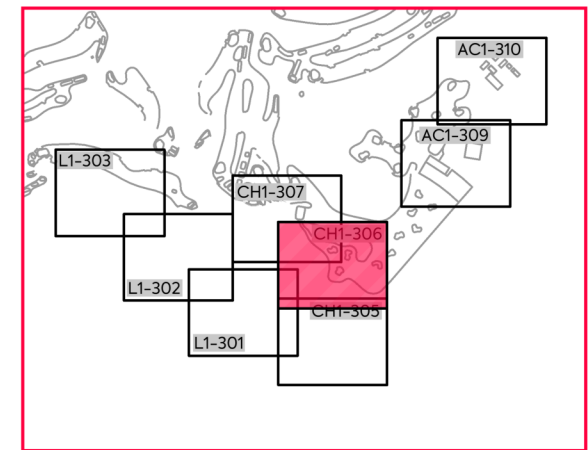
CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
5%	300	150	40
4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

- NOTES:
1. GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
 2. PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.



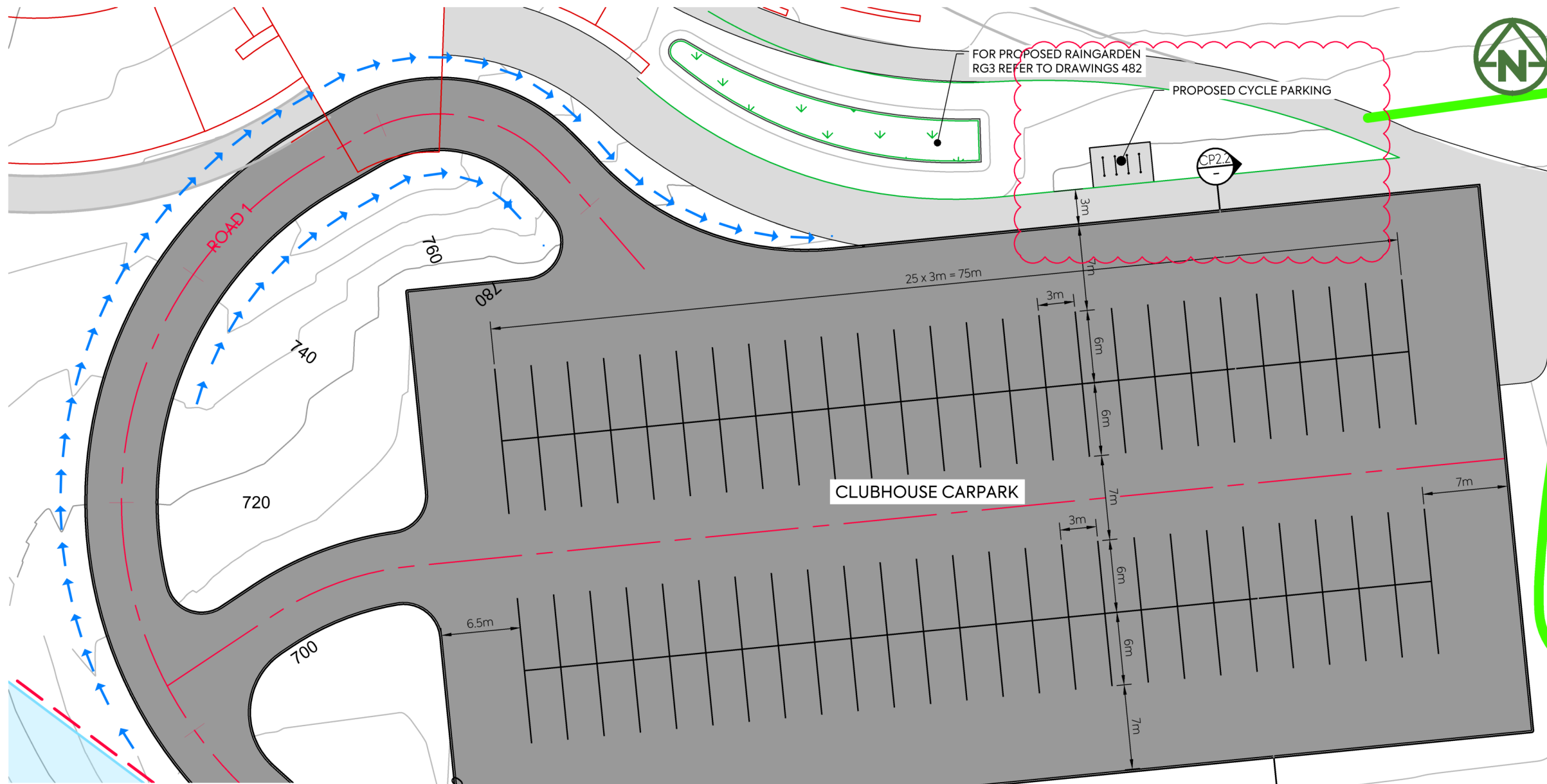
- NOTES:**
1. REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.
- LEGEND:**
- EXTENT OF WORKS
 - ROAD CENTRELINES & CHAINAGE
 - PROPOSED ASPHALTIC PAVEMENT (REFER TO DRAWING 315 & 325-326 FOR DETAILS)
 - PROPOSED CONCRETE PAVEMENT (REFER TO DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED CONCRETE PAVEMENT WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)
 - PROPOSED STORMWATER CULVERT ROAD CROSSING
 - OFFROAD RAINGARDEN
 - EXISTING SHOULDER DRAIN
 - PROPOSED SHOULDER DRAIN
 - PROPOSED STREET LIGHT
 - BUILDING PLATFORM
 - FINISHED (5m) MAJOR CONTOUR
 - FINISHED (1m) MINOR CONTOUR
 - EXISTING WETLANDS
 - MAPPED SEA/ONF (BY ECOLOGIST)

CP2.1 TYPICAL CARPARK CROSS SECTION
 CARPARK - CLUBHOUSE 2
 1:125 @A3



DRAWING LAYOUT PLAN

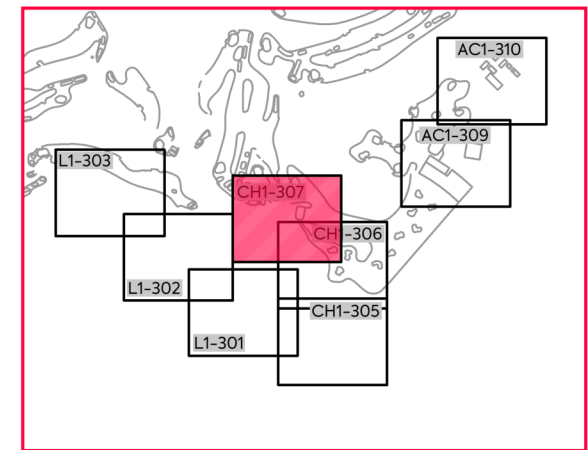
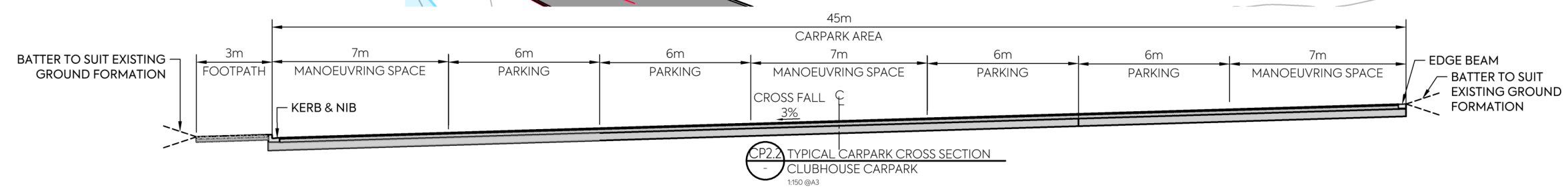
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D	S92 RESPONSE	MO	CIM	JSD	04/03/22																														
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																														
B	SECOND ISSUE	MO	CIM	JSD	05/11/21																														
A	FIRST ISSUE	MO	CIM	JSD	24/08/21																														
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE																														



- NOTES:**
- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.
- LEGEND:**
- EXTENT OF WORKS: [Red dashed line symbol]
 - ROAD CENTRELINES & CHAINAGE: [Red line with cross-ticks symbol]
 - PROPOSED ASPHALTIC PAVEMENT (REFER TO DRAWING 315 & 325-326 FOR DETAILS): [Dark grey rectangle symbol]
 - PROPOSED CONCRETE PAVEMENT (REFER TO DRAWING 315 & 326 FOR DETAILS): [Light grey rectangle symbol]
 - PROPOSED CONCRETE PAVEMENT WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS): [Dark grey textured rectangle symbol]
 - PROPOSED STORMWATER CULVERT ROAD CROSSING: [Green line with circles symbol]
 - OFFROAD RAINGARDEN: [Green dotted rectangle symbol]
 - EXISTING SHOULDER DRAIN: [Black line with arrows symbol]
 - PROPOSED SHOULDER DRAIN: [Blue line with arrows symbol]
 - PROPOSED STREET LIGHT: [Orange light symbol]
 - BUILDING PLATFORM: [Red outline symbol]
 - FINISHED (5m) MAJOR CONTOUR: [Grey line with '75.0' label]
 - FINISHED (1m) MINOR CONTOUR: [Thin grey line]
 - EXISTING WETLANDS: [Purple shaded area symbol]
 - MAPPED SEA/ONF (BY ECOLOGIST): [Blue shaded area symbol]

CARPARK PAVEMENT DETAILS			
SUBGRADE STRENGTH	SUBBASE DEPTH (mm)	BASECOURSE DEPTH (mm)	SURFACING DEPTH (mm)
CBR	GAP 65	NZTA M/4	DG10 ASPHALT
6%	250	150	40
5%	300	150	40
4%	350	150	40
<=3%	REFER TO ENGINEER	REFER TO ENGINEER	40

- NOTES:**
- GEOTEXTILE TO BE USED ON SUBGRADE WHERE CBR IS 4% OR LESS.
 - PAVEMENT DESIGN BASED ON COUNCIL STANDARD ATCOP DETAIL.



DRAWING LAYOUT PLAN

	<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT: MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED ROADING GOLF CLUBHOUSE LAYOUT PLAN SHEET 13</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p>
<p>D S92 RESPONSE MO CIM JSD 04/03/22</p> <p>C ISSUED FOR CONSENT MO CIM JSD 26/11/21</p> <p>B SECOND ISSUE MO CIM JSD 05/11/21</p> <p>A FIRST ISSUE MO CIM JSD 24/08/21</p>				<p>SCALE: 1:400 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-CH1-308B REV: D</p>

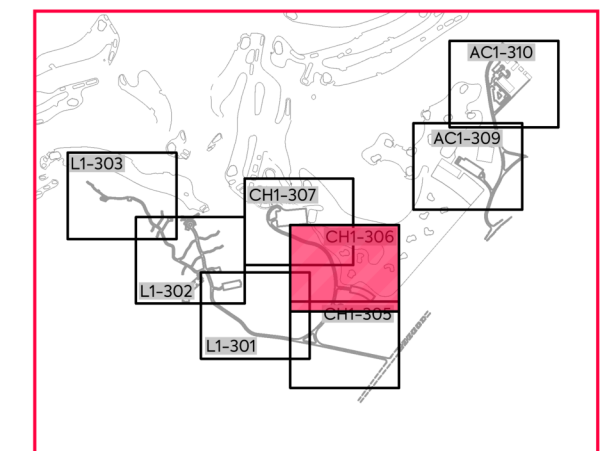
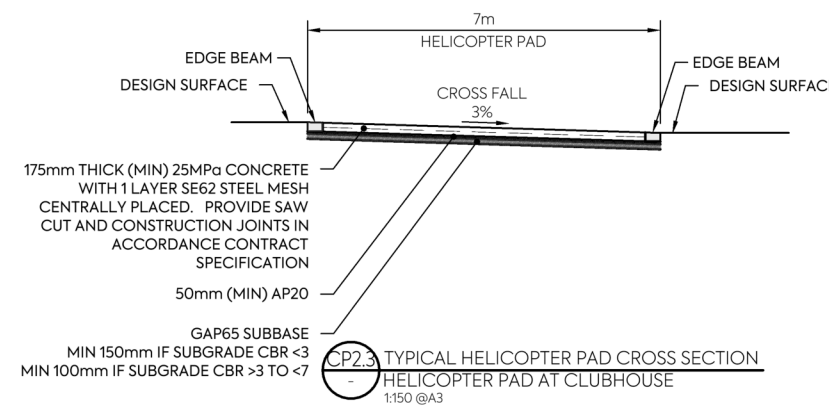
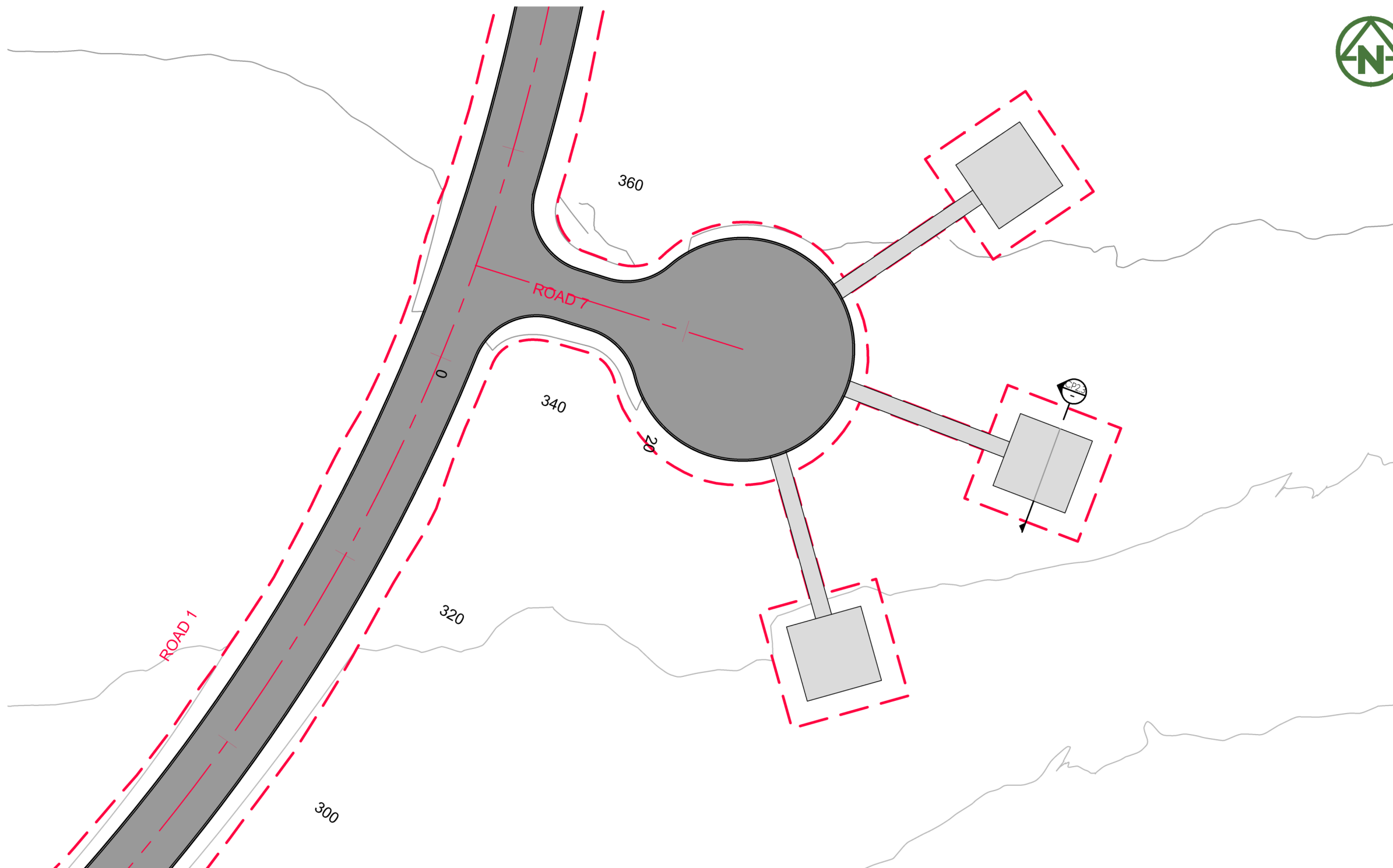


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	



DRAWING LAYOUT PLAN

CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED ROADING
GOLF CLUBHOUSE
LAYOUT PLAN
SHEET 14**

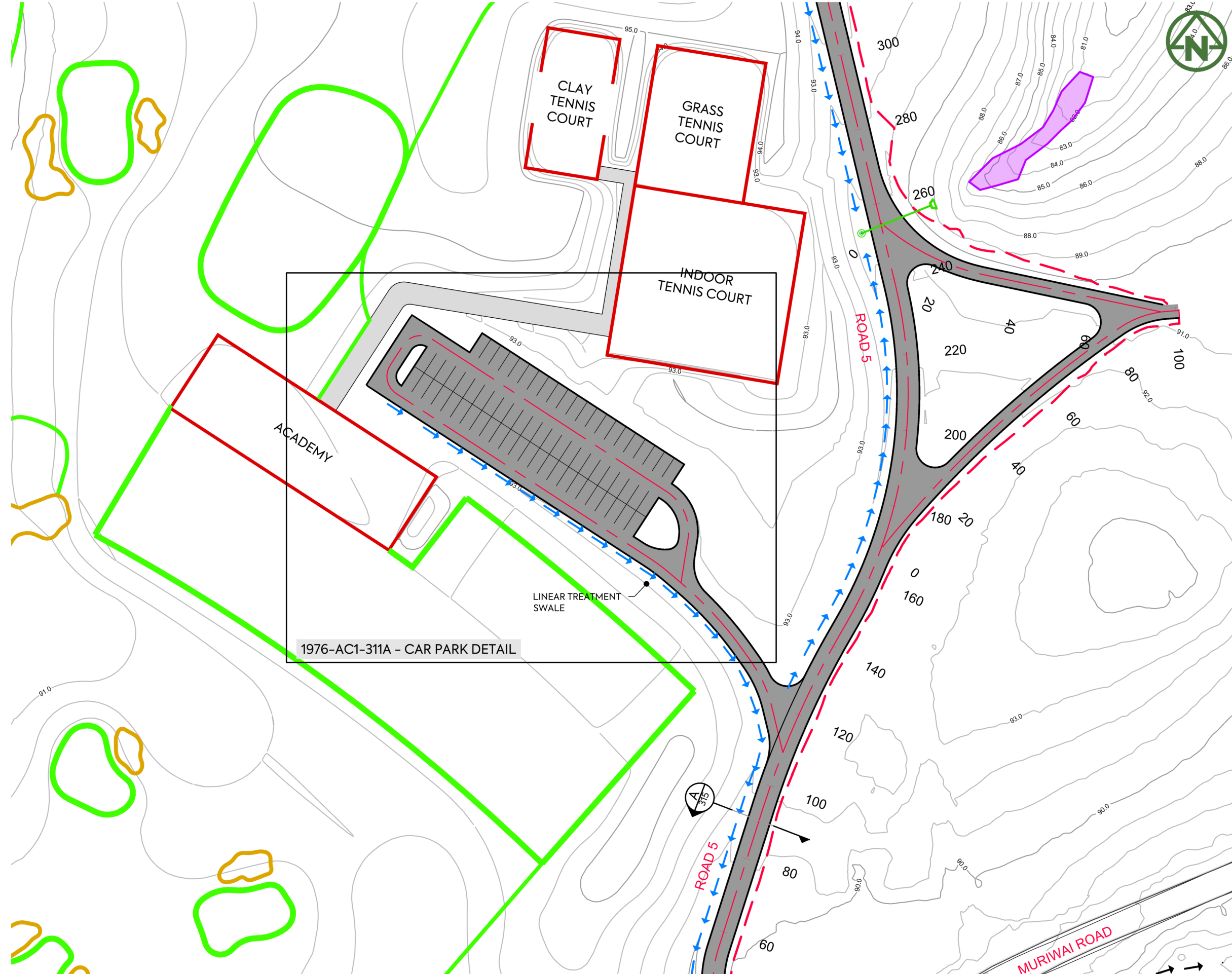
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:400
DO NOT SCALE

DRAWING NO.: **1976-CH1-308C** REV: **C**

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21





NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

EXTENT OF WORKS	
ROAD CENTRELINES & CHAINAGE	
PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS)	
PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS)	
PROPOSED STORMWATER CULVERT ROAD CROSSING	
OFFROAD RAINGARDEN	
EXISTING SHOULDER DRAIN	
PROPOSED SHOULDER DRAIN	
PROPOSED STREET LIGHT	
BUILDING PLATFORM	
FINISHED (5m) MAJOR CONTOUR	
FINISHED (1m) MINOR CONTOUR	
EXISTING WETLANDS	
MAPPED SEA/ONF (BY ECOLOGIST)	

CLAY TENNIS COURT

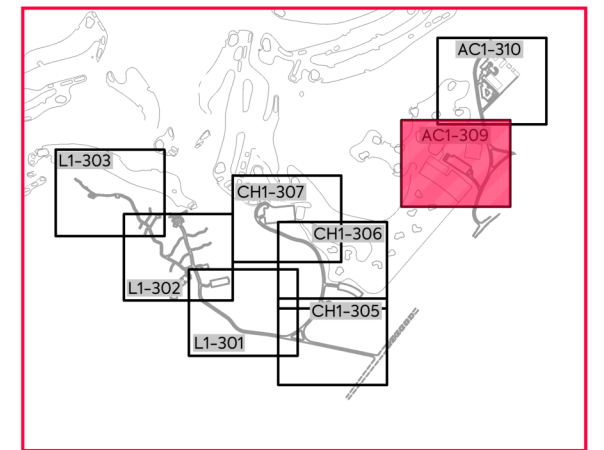
GRASS TENNIS COURT

INDOOR TENNIS COURT

ACADEMY

1976-AC1-311A - CAR PARK DETAIL

LINEAR TREATMENT SWALE



DRAWING LAYOUT PLAN

CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT: MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY

TITLE: PROPOSED ROADING GOLF ACADEMY LAYOUT PLAN SHEET 15

PURPOSE OF ISSUE: FOR CONSENT

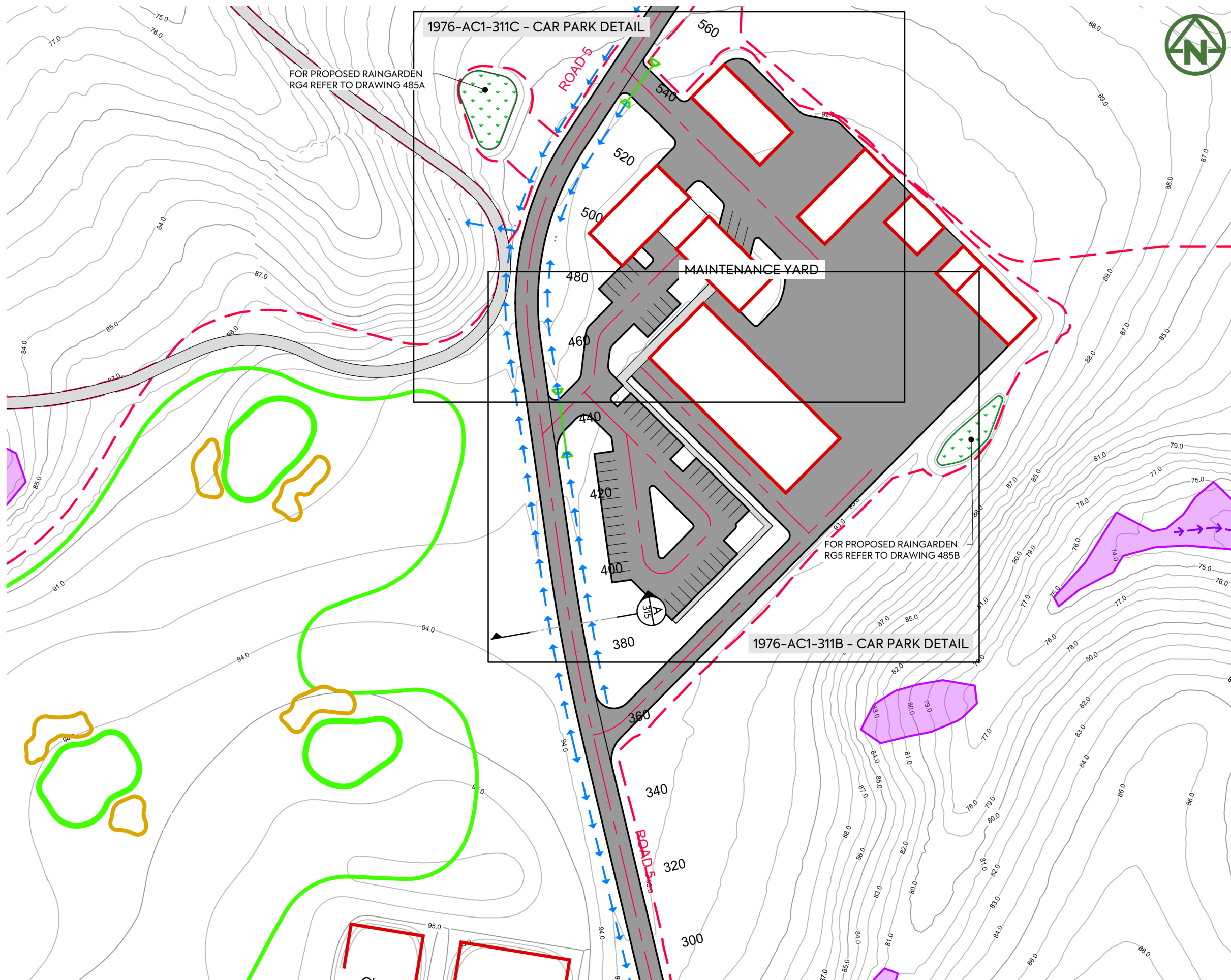
SCALE: 1:1000 @ A3
DO NOT SCALE

DRAWING NO: 1976-AC1-309

REV: C



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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B	SECOND ISSUE	MO	CIM	JSD	05/11/21
A	FIRST ISSUE	MO	CIM	JSD	24/08/21

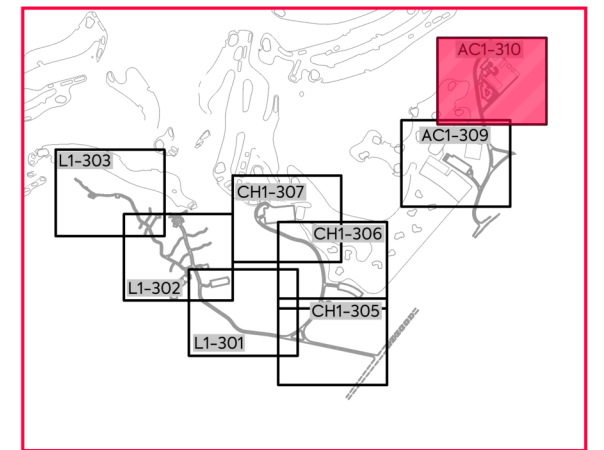


NOTES:

- REFER TO DRAWING 1976-1-300 FOR STANDARD ROADING NOTES.

LEGEND:

- EXTENT OF WORKS ---
- ROAD CENTRELINES & CHAINAGE -+ -+
- PROPOSED ASPHALTIC ROAD (REFER TO DRAWING 315 & 325-326 FOR DETAILS) █
- PROPOSED CONCRETE FOOTPATH (REFER TO DRAWING 315 & 326 FOR DETAILS) █
- PROPOSED CONCRETE ROAD WITH BLACK OXIDE (REFER TO DRAWING 315 & 326 FOR DETAILS) █
- PROPOSED STORMWATER CULVERT ROAD CROSSING ()
- OFFROAD RAINGARDEN ()
- EXISTING SHOULDER DRAIN ← ← ← ←
- PROPOSED SHOULDER DRAIN ← ← ← ←
- PROPOSED STREET LIGHT ○
- BUILDING PLATFORM █
- FINISHED (5m) MAJOR CONTOUR — 75.0 —
- FINISHED (1m) MINOR CONTOUR — — — —
- EXISTING WETLANDS █
- MAPPED SEA/ONF (BY ECOLOGIST) █



DRAWING LAYOUT PLAN

	<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT: MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED ROADING GOLF ACADEMY LAYOUT PLAN SHEET 16</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p>																		
<table border="0" style="width: 100%; font-size: small;"> <tr> <td>C</td><td>ISSUED FOR CONSENT</td><td>MO</td><td>CIM</td><td>JSD</td><td>26/11/21</td></tr> <tr> <td>B</td><td>SECOND ISSUE</td><td>MO</td><td>CIM</td><td>JSD</td><td>05/11/21</td></tr> <tr> <td>A</td><td>FIRST ISSUE</td><td>MO</td><td>CIM</td><td>JSD</td><td>24/08/21</td></tr> </table>	C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21	B	SECOND ISSUE	MO	CIM	JSD	05/11/21	A	FIRST ISSUE	MO	CIM	JSD	24/08/21				
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																	
B	SECOND ISSUE	MO	CIM	JSD	05/11/21																	
A	FIRST ISSUE	MO	CIM	JSD	24/08/21																	
<table border="0" style="width: 100%;"> <tr> <th>REV</th><th>DESCRIPTION</th><th>DRN BY</th><th>CHK BY</th><th>APP BY</th><th>DATE</th></tr> </table>	REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE				<table border="0" style="width: 100%;"> <tr> <td>SCALE: 1:1000 @ A3</td> <td>REV: C</td> </tr> <tr> <td>DO NOT SCALE</td> <td></td> </tr> <tr> <td>DRAWING NO: 1976-AC1-310</td> <td></td> </tr> </table>	SCALE: 1:1000 @ A3	REV: C	DO NOT SCALE		DRAWING NO: 1976-AC1-310							
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SCALE: 1:1000 @ A3	REV: C																					
DO NOT SCALE																						
DRAWING NO: 1976-AC1-310																						