

DATE PLOTTED: 3 August 2020 3:23 PM BY: BROOKE HENDERSON



LENDLEASE COMMUNITIES WILTON

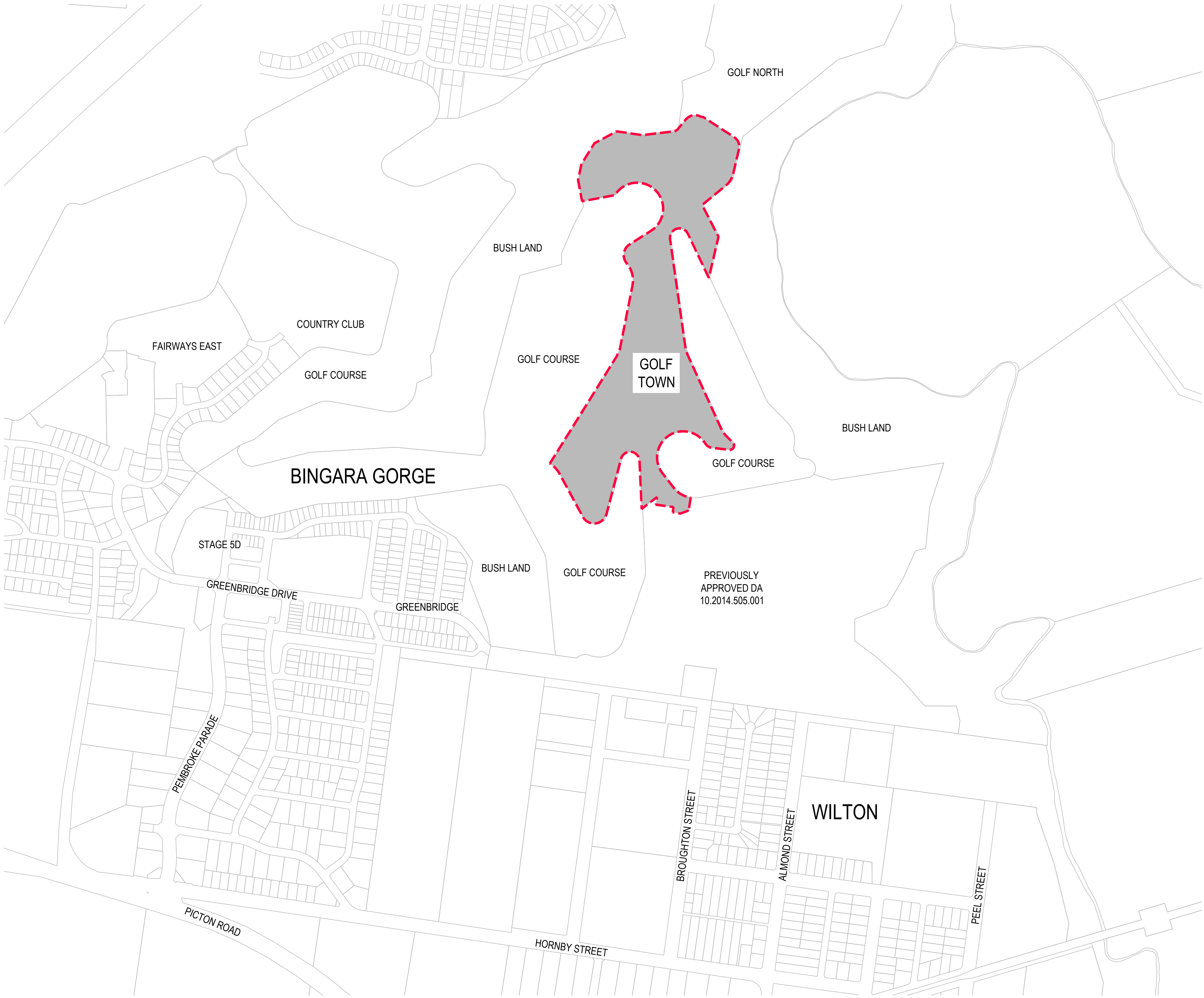
BINGARA GORGE
GOLF TOWN
DEVELOPMENT APPROVAL
COVER SHEET

XREF's:
CAD File: U:\FY13\NA82013043 Bingara Gorge\65 Golf Town\Drawings\Build\C1000 (DA)\NA82013043-065-C1000.dwg

F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW
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Checked MPR	Date 28/07/2020			
Designed BAH	Date 13/08/2018			
Verified CSH	Date 28/07/2020	DATUM AHD	Scale NTS	Size A1
Approved CAW	Date 21/02/2020	Drawing Number NA82013043-065-C1000		Revision F



SCHEDULE OF DRAWINGS	
DRAWING No.	DESCRIPTION
NA82013043-065-C1000	COVER SHEET
NA82013043-065-C1001	LOCALITY PLAN AND DRAWING SCHEDULE
NA82013043-065-C1002	LOT LAYOUT PLAN
NA82013043-065-C1003	NOTES AND GENERAL ARRANGEMENT KEY PLAN
NA82013043-065-C1004	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 1 OF 6
NA82013043-065-C1005	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 2 OF 6
NA82013043-065-C1006	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 3 OF 6
NA82013043-065-C1007	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 4 OF 6
NA82013043-065-C1008	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 5 OF 6
NA82013043-065-C1009	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 6 OF 6
NA82013043-065-C1010	TYPICAL ROAD CROSS SECTIONS
NA82013043-065-C1011	BULK EARTHWORKS LAYOUT PLAN
NA82013043-065-C1012	ROAD LONG SECTION SHEET 1 OF 8
NA82013043-065-C1013	ROAD LONG SECTION SHEET 2 OF 8
NA82013043-065-C1014	ROAD LONG SECTION SHEET 3 OF 8
NA82013043-065-C1015	ROAD LONG SECTION SHEET 4 OF 8
NA82013043-065-C1016	ROAD LONG SECTION SHEET 5 OF 8
NA82013043-065-C1017	ROAD LONG SECTION SHEET 6 OF 8
NA82013043-065-C1018	ROAD LONG SECTION SHEET 7 OF 8
NA82013043-065-C1019	ROAD LONG SECTION SHEET 8 OF 8
NA82013043-065-C1020	STORMWATER CONCEPT LAYOUT PLAN SHEET 1 OF 3
NA82013043-065-C1021	STORMWATER CONCEPT LAYOUT PLAN SHEET 2 OF 3
NA82013043-065-C1022	STORMWATER CONCEPT LAYOUT PLAN SHEET 3 OF 3
NA82013043-065-C1025	SERVICES LAYOUT PLAN SHEET 1 OF 3
NA82013043-065-C1026	SERVICES LAYOUT PLAN SHEET 2 OF 3
NA82013043-065-C1027	SERVICES LAYOUT PLAN SHEET 3 OF 3
NA82013043-065-C1028	SOIL AND WATER MANAGEMENT PLAN

[illegible]

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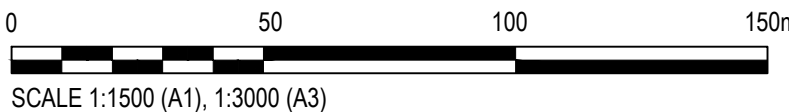
Drawn BAH	Date 13/08/2018	Client LENDEASE COMMUNITIES WILTON			
Checked BAH	Date 28/07/2020	Project BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Designed BAH	Date 13/08/2018		DATUM AHD	Scale 1:5000	Size A1
Verified CSH	Date 28/07/2020	Title LOCALITY PLAN AND DRAWING SCHEDULE	Drawing Number NA82013043-065-C1001		Revision F
Approved CAW	Date 21/02/2020				



LOT LAYOUT
SCALE 1:1500

LEGEND

- PROPOSED STAGING BOUNDARY
- APZ BOUNDARY
- RESIDUE LOT
- PROPOSED WIND ROW
- EXISTING TREE BE RETAINED
- EXISTING TREE TO BE REMOVED



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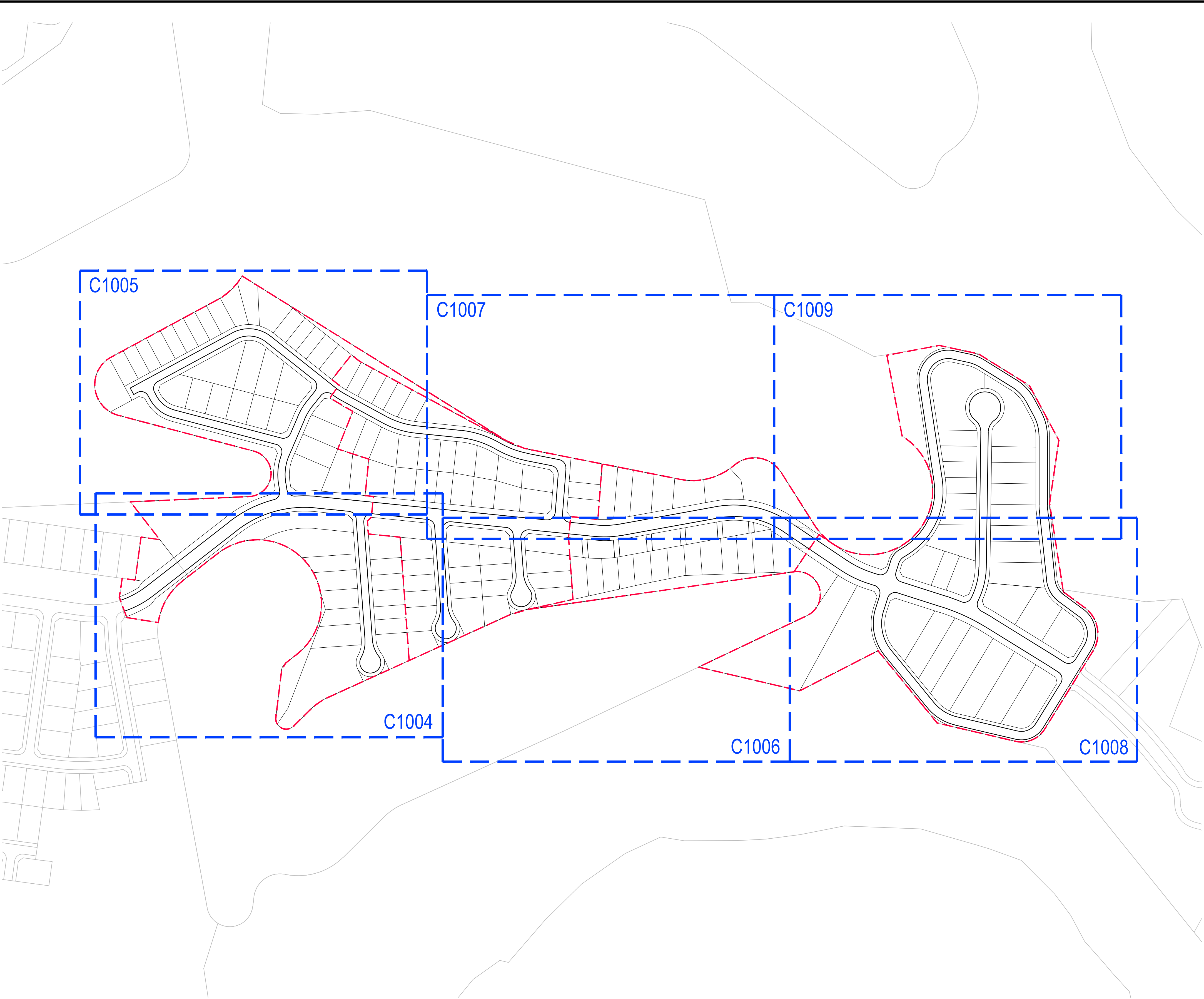
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Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	LOT LAYOUT PLAN

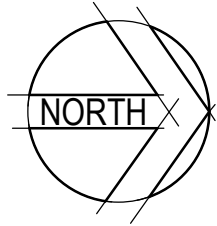
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DATUM	AHD
Scale	1:1500
Size	A1
Drawing Number	NA82013043-065-C1002
Revision	F

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XREF's: XR-NA82013043-065 G-TITLE: XR-NA82013043-065-E-SURVEY, XR-NA82013043-065-D1-HATCH
CAD File: U:\FY\13\NA82013043 Bingara Gorge\65 Golf Town\Drawings\Bingara C1000 (DA)\NA82013043-065-C1003.dwg



GENERAL ARRANGEMENT KEY PLAN
SCALE 1:2000



NOTES

GENERAL

- DO NOT SCALE FROM PLANS.
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE WOLLONDILLY DESIGN SPECIFICATION SUBDIVISION AND ENGINEERING STANDARDS, ENGINEERING SPECIFICATIONS C201 TO C273, TECHNICAL POLICIES. IN THE ABSENCE OF RELEVANT DETAILS, THE RELEVANT AUSTRALIAN STANDARDS AND RMS SPECIFICATIONS.
- ENGINEERING PLANS TO BE READ IN CONJUNCTION WITH PLANS FOR WATER, RECYCLED WATER, SEWER, ELECTRICAL, TELSTRA AND GAS.
- THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION MEETING WITH SERVICE AUTHORITIES TO ESTABLISH THE LOCATION OF UTILITY SERVICES AND SPECIAL REQUIREMENTS.
- FENCES REMOVED OR DAMAGED DURING CONSTRUCTION TO BE REINSTATED IMMEDIATELY UPON COMPLETION.
- NO WORK TO BE UNDERTAKEN ON ADJOINING LAND WITHOUT THE WRITTEN PERMISSION OF THE AFFECTED OWNERS.
- COUNCIL'S TREE PRESERVATION ORDER TO BE OBSERVED AT ALL TIMES.
- ALL RUBBISH AND STRUCTURES TO BE REMOVED BY THE CONTRACTOR AND DISPOSED. DOCUMENTATION SUCH AS RECEIPTS TO BE RETAINED TO VERIFY COMPLIANCE WITH WASTE MANAGEMENT PLAN.
- ALL NEW WORKS TO MAKE SMOOTH WITH EXISTING.
- ALL CONDUITS AND STUBS TO BE LAID UNDER ROAD PAVEMENT PRIOR TO LAYING FINAL ASPHALT SEAL.
- ANY ROCK EXCAVATION TO BE REPORTED TO THE SUPERINTENDENT PRIOR TO UNDERTAKING SUCH EXCAVATION.
- THE CONTRACTOR SHALL ARRANGE A PRE START MEETING WITH COUNCIL, A MINIMUM OF 7 DAYS BEFORE START OF CONSTRUCTION.
- SOIL WATER MANAGEMENT CONTROLS TO BE ESTABLISHED PRIOR TO INITIATION OF BULK EARTHWORKS.
- LEVELS ARE BASED ON AHD. COORDINATES ARE BASED ON MGA.
- REVEGETATION SHALL BE CARRIED OUT UPON COMPLETION OF EARTHWORKS IN A PROGRESSIVE MANNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL MEASURES DURING CONSTRUCTION.

DRAINAGE WORKS

- ALL STORMWATER DRAINAGE STRUCTURES TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT WOLLONDILLY SHIRE COUNCIL PIPELINE DRAINAGE CONSTRUCTION SPECIFICATION C221.
- ALL BEDDING TO BE H33 UNLESS SPECIFIED OTHERWISE.
- BEDDING AND BACKFILL TO BE CONSTRUCTED IN ACCORDANCE WITH AS3725.
- CONCRETE PIPES TO BE PURCHASED FROM QUALITY ASSURED MANUFACTURER.
- ALL LOTS ON HIGH SIDE OF ROAD TO BE PROVIDED WITH 90mm UPVC PIPE ON THE LOW SIDE OF THE ALLOTMENT FOR FUTURE ROOFWATER OUTLET TO KERB AND GUTTER. 90mm UPVC PIPE TO BE PROVIDED BY CONTRACTOR WITH KERB OUTLET.
- ALL PITS TO INCLUDE WEEP HOLES AT INVERT WITH 3.0m PERFORATED SUBSOIL DRAIN WITH FILTER SOCK.
- THE CONTRACTOR SHALL ENSURE ALL DRAINAGE LINES AND SERVICES ARE LAID WITHIN THE EXISTING OR PROPOSED EASEMENTS.
- SUBSOIL DRAINAGE TO BE ALIGNED ON ALL HIGH SIDE OF ROADS AND ARE TO BE ACCURATELY MARKED ON THE WORK AS EXECUTED PLANS.
- ALL PIPES TO BE MINIMUM R.C.P CLASS 2 U.N.O. SN8-U.P.V.C FOR ALL INTER ALLOTMENT DRAINAGE OR R.C.P FOR PIPES >375mm.
- PITS DEEPER THAN 1.8m MUST COMPLY WITH TYPICAL DETAILS PLAN. PITS GREATER THAN 1.2m TO HAVE STEP IRONS PROVIDED.
- INTER ALLOTMENT DRAINAGE EASEMENT WIDTH IS MIN 1.5m U.N.O.
- ALL CONCRETE PIPES SHALL BE REINFORCED CONCRETE PIPES OR APPROVED EQUIVALENT TO THE STANDARDS SPECIFIED IN AS4058.
- ALL PROPRIETARY PRODUCTS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.
- ALL KERB INLET PIT GRATES TO BE CYCLE PROOF.
- TAILOUT DRAINS FROM HEADWALLS TO BE TURFED AS DIRECTED BY THE SUPERINTENDENT.

CONCRETE WORKS

- COMPRESSIVE STRENGTH (F_c) FOR CAST IN SITU CONCRETE SHALL BE MINIMUM 25 MPa AT 28 DAYS. CUSTOM STORMWATER PITS WILL REQUIRE MIN 40MPa.

ROAD WORKS

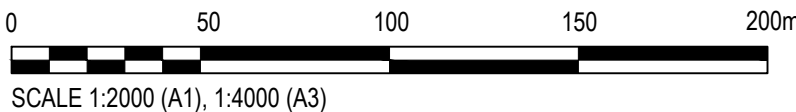
- ALL FLEXIBLE ROAD PAVEMENTS TO BE CONSTRUCTED IN ACCORDANCE WITH AUSTRALIAN ROAD RESEARCH BOARD APRG SPECIAL REPORT NO. 41 'INTO A NEW AGE OF PAVEMENT DESIGN' AND AUSTRROADS 'A GUIDE TO THE STRUCTURAL DESIGN OF ROAD PAVEMENTS'.
- CONDUIT TRENCHES BENEATH ROADS TO BE BACKFILLED WITH 5mm MINUS BASALT GRAVEL OR AS OTHERWISE APPROVED BY THE SUPERINTENDENT.
- CONDUIT LOCATIONS SHALL BE IMPRINTED ON THE KERB.

SURVEY

- THE CONTRACTOR SHALL UNDERTAKE THE NECESSARY SURVEY SETOUT FOR THE WORKS.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ANY UTILITY SERVICES OVER THE SITE. CONTRACTORS TO CARRY OUT COMPLETE SERVICES SEARCH BY AN ACCREDITED SERVICES LOCATOR PRIOR TO CONSTRUCTION.
- ALL SURVEY MARKS TO BE RETAINED UNLESS ADVISED OTHERWISE BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL SURVEY ALL AREAS OF OVER STRIPPING, AND ADVISE THE SUPERINTENDENT BEFORE PLACING FILL OVER SUCH AREAS.
- THE CONTRACTOR SHALL SURVEY THE LOCATION AND LEVEL OF BURIED ENDS AND JUNCTIONS OF PIPES AND CONDUITS FOR FUTURE WORK AS EXECUTED PLANS.

GEOTECHNICAL

- STRIPPED FILL AREAS TO BE PROOF ROLLED AND APPROVED BY GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF FILL.
- UNSUITABLE MATERIAL TO BE TREATED AS RECOMMENDED BY THE GEOTECHNICAL CONSULTANT.
- ABRUPT CHANGES IN SUBSURFACE CONDITIONS TO BE REPORTED IMMEDIATELY TO THE GEOTECHNICAL CONSULTANT.
- ALL CUT AND FILL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH W.S.C C213-EARTHWORKS AND AUSTRALIAN STANDARDS.
- PAVEMENT DESIGN TO BE FINALISED BY GEOTECHNICAL CONSULTANT AFTER DETAILED SUBGRADE INVESTIGATION.
- ALL FILL WORKS WITHIN LOTS TO BE UNDER LEVEL 1 GEOTECHNICAL SUPERVISION IN ACCORDANCE WITH AS3798 - 2007 OR SUBSEQUENT AMENDMENTS.
- THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE GEOTECHNICAL CONSULTANT FOR THE USE OF VIBRATORY ROLLERS NEAR PERMANENT STRUCTURES DURING CONSTRUCTION.
- GEOTECHNICAL TESTING OF PIPELINES TO BE AS PER WOLLONDILLY SHIRE COUNCIL SUBDIVISION CODE OR CARRY OUT TESTING EVERY 50m OF PIPELINE WITH NOT LESS THAN TWO TESTS IN ANY SECTION OF PIPE EXCEEDING 25m TO VERIFY BEDDING AND BACKFILL COMPLIES WITH THE REQUIREMENTS FOR H33 BEDDING AND BACKFILL WHICHEVER IS GREATER.
- SITE FILLING IS TO BE APPROVED ON SITE BY NOMINATED GEOTECHNICAL ENGINEER.
- AREA TO BE SURVEYED PRIOR TO PLACING FILL.



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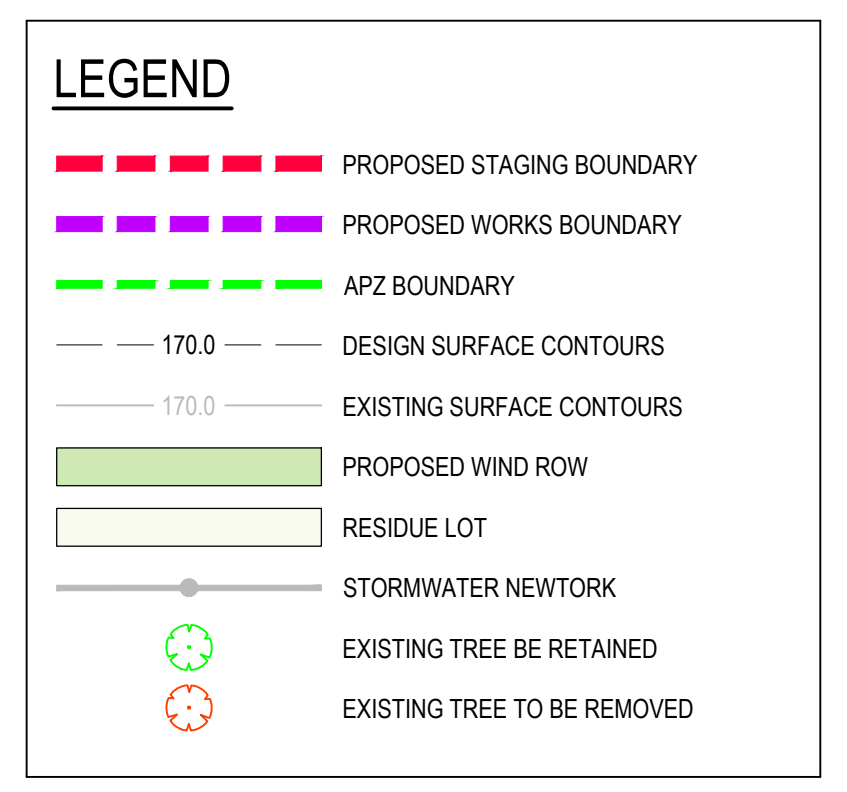
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Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	NOTES AND GENERAL ARRANGEMENT KEY PLAN

Status	FOR APPROVAL
DATUM	AHD
Scale	1:2000
Size	A1
Drawing Number	NA82013043-065-C1003
Revision	F

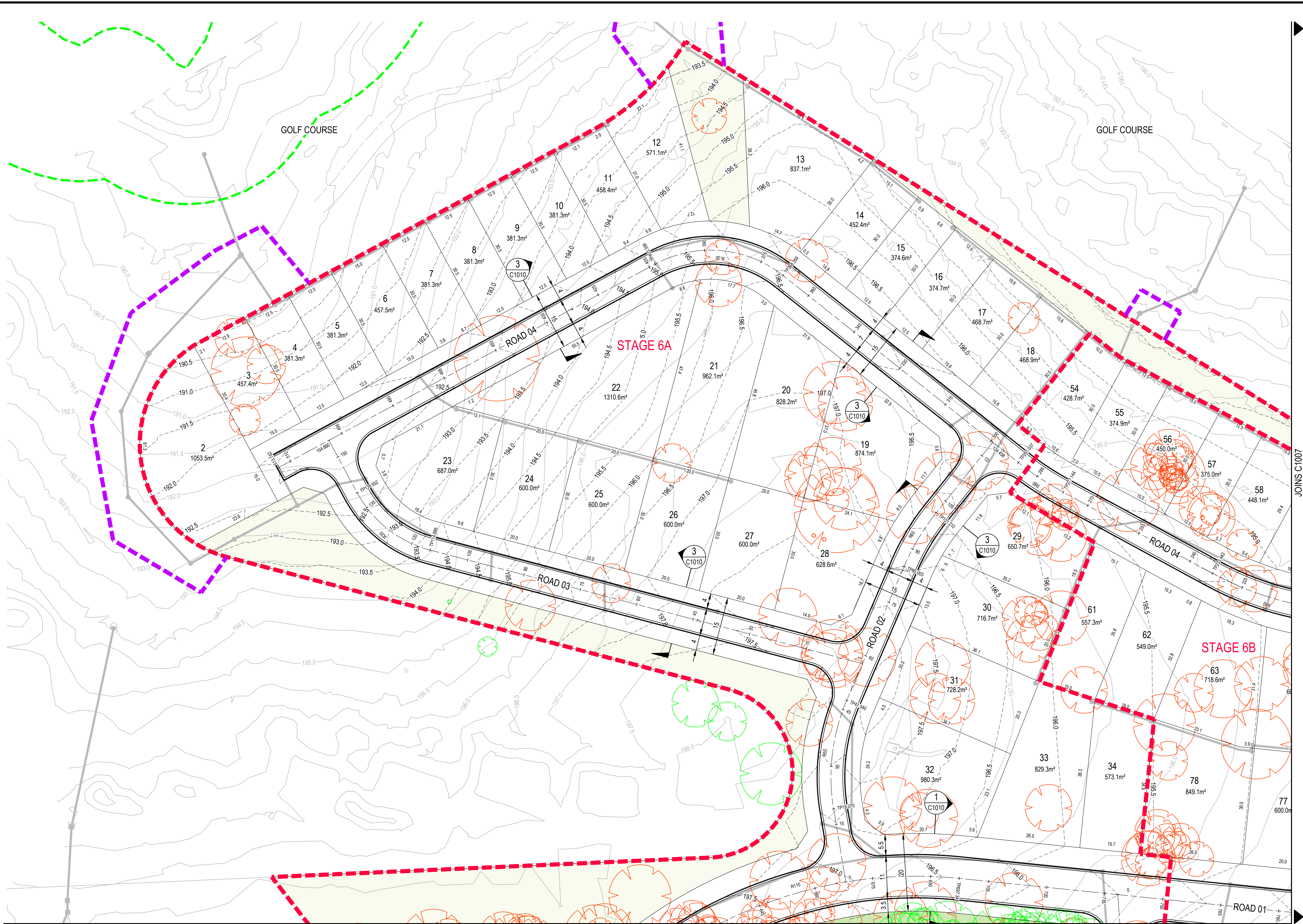


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FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM		Scale	Size
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Drawing Number			Revision
NA82013043-065-C1004			F

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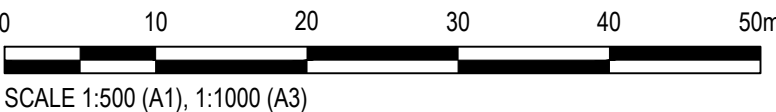
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GENERAL ARRANGEMENT LAYOUT
SCALE 1:500

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED WORKS BOUNDARY
- APZ BOUNDARY
- DESIGN SURFACE CONTOURS
- EXISTING SURFACE CONTOURS
- PROPOSED WIND ROW
- RESIDUE LOT
- STORMWATER NETWORK
- EXISTING TREE BE RETAINED
- EXISTING TREE TO BE REMOVED



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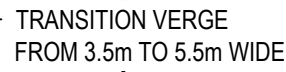
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Client **LENLEASE COMMUNITIES WILTON**
Project **BINGARA GORGE
GOLF TOWN
DEVELOPMENT APPROVAL**
Title **GENERAL ARRANGEMENT LAYOUT PLAN
SHEET 2 OF 6**

Status				FOR APPROVAL	
NOT TO BE USED FOR CONSTRUCTION PURPOSES					
DATUM		Scale	Size		A1
AHD		1:500			
Drawing Number					Revision
NA82013043-065-C1005					F

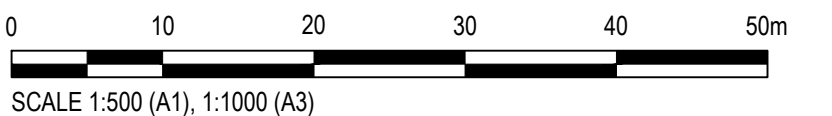


JOINS C1008

EXISTING LAKE
WITHIN GOLF
COURSE

EXISTING SWALE

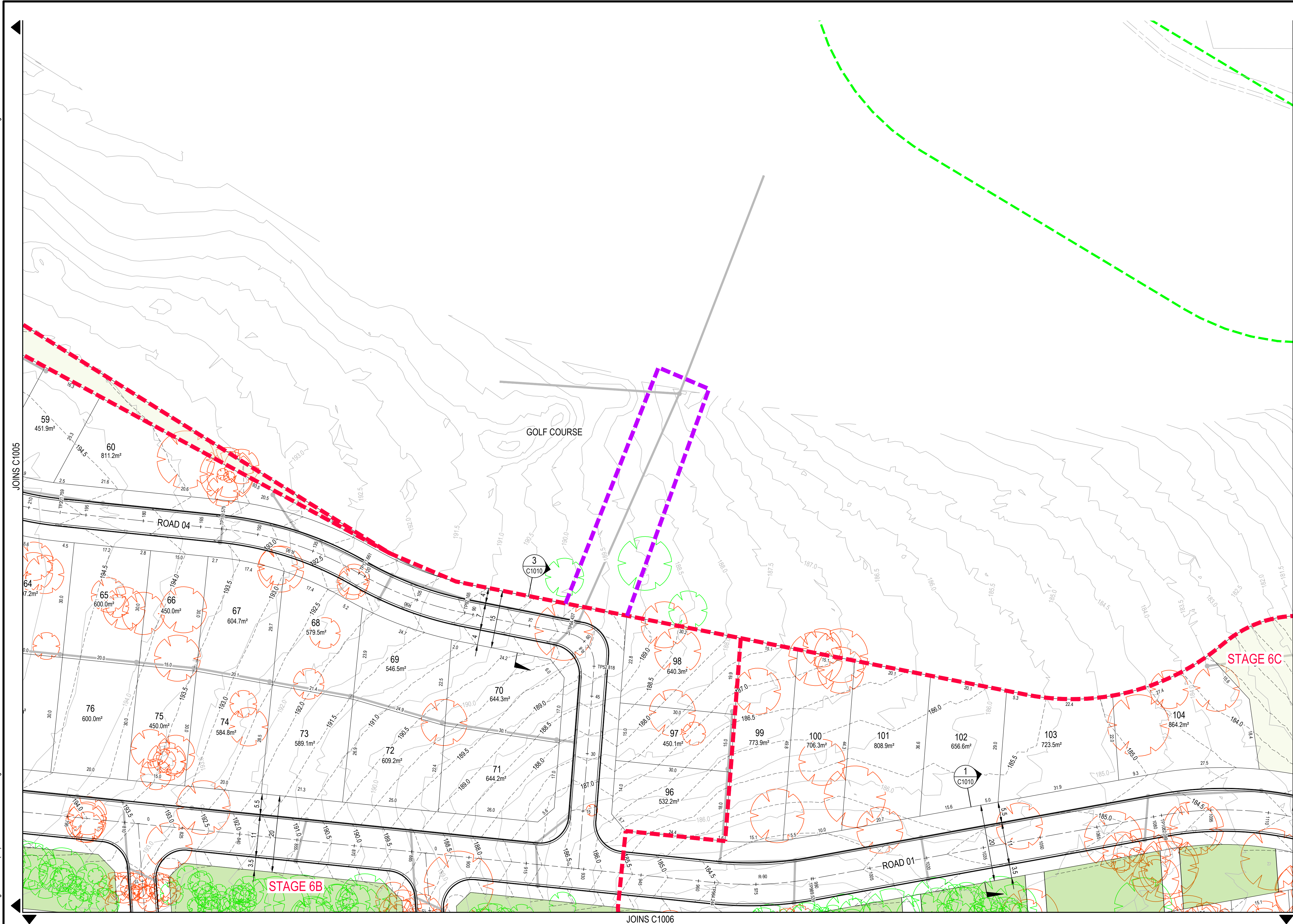
PROPOSED STAGING BOUNDARY
 PROPOSED WORKS BOUNDARY
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 STORMWATER NEWTORK
 EXISTING TREE BE RETAINED
 EXISTING TREE TO BE REMOVED



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Approved			Drawing Number NA82013043-065-C1006 Revision G			
CAW	21/02/2020	Title GENERAL ARRANGEMENT LAYOUT PLAN SHEET 3 OF 6				



GENERAL ARRANGEMENT LAYOUT
SCALE 1:500

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED WORKS BOUNDARY
- APZ BOUNDARY
- 170.0 DESIGN SURFACE CONTOURS
- 170.0 EXISTING SURFACE CONTOURS
- PROPOSED WIND ROW
- RESIDUE LOT
- STORMWATER NEWTORK
- EXISTING TREE BE RETAINED
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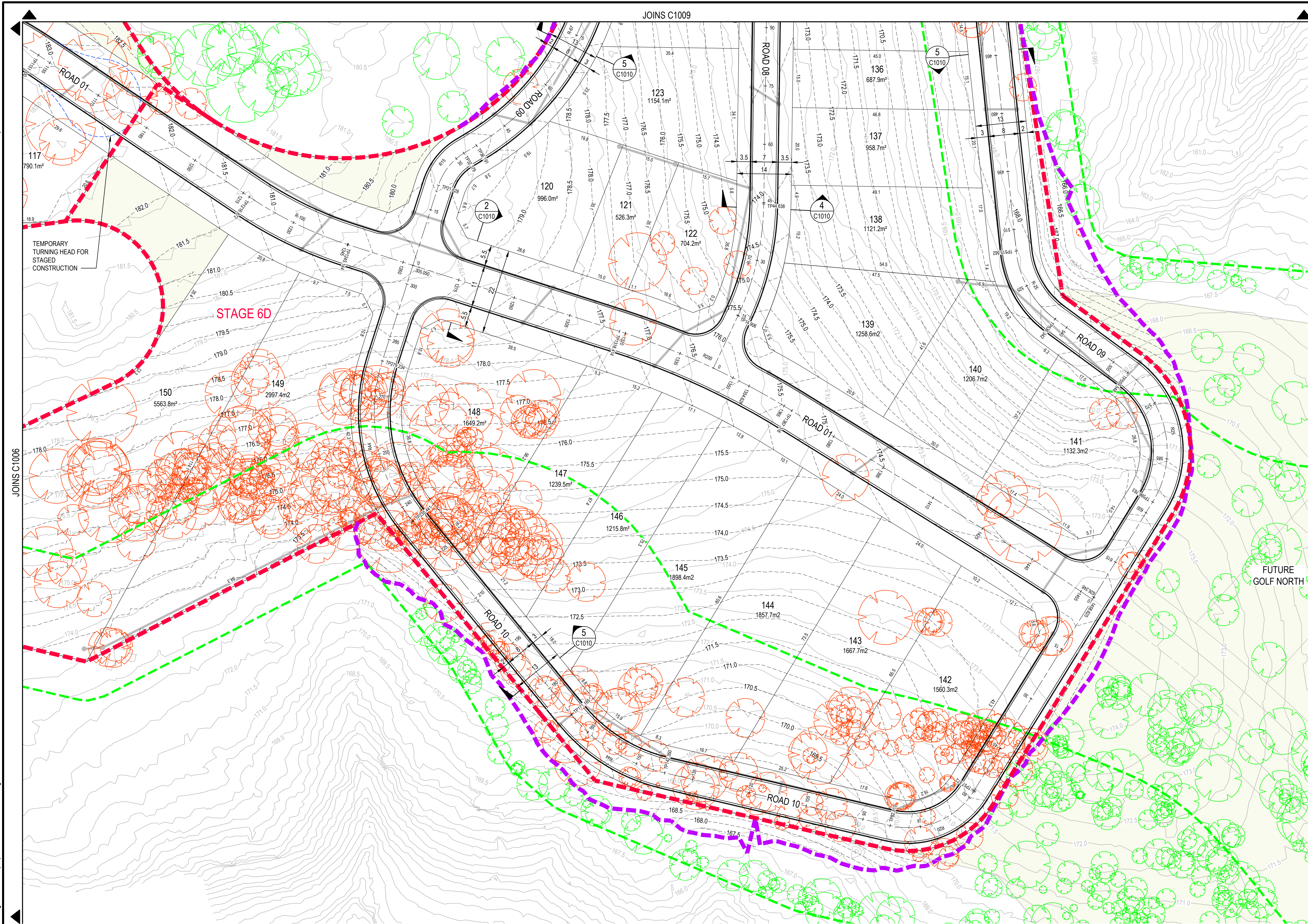
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Client	LENLEASE COMMUNITIES WILTON
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Title	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 4 OF 6

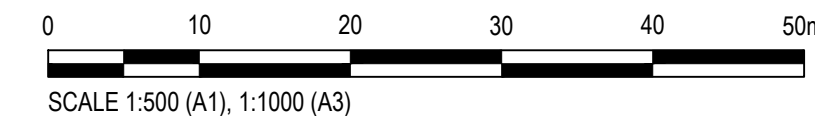
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GENERAL ARRANGEMENT LAYOUT
SCALE 1:500

LEGEND	
	PROPOSED STAGING BOUNDARY
	PROPOSED WORKS BOUNDARY
	APZ BOUNDARY
	DESIGN SURFACE CONTOURS
	EXISTING SURFACE CONTOURS
	PROPOSED WIND ROW
	RESIDUE LOT
	STORMWATER NEWTORK
	EXISTING TREE BE RETAINED
	EXISTING TREE TO BE REMOVED



Rev.	Date	Description	Des.	Verif.	Appd.
H	21/09/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
G	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
F	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
E	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
C	20/03/2019	TEMPORARY TURNING HEAD ADDED	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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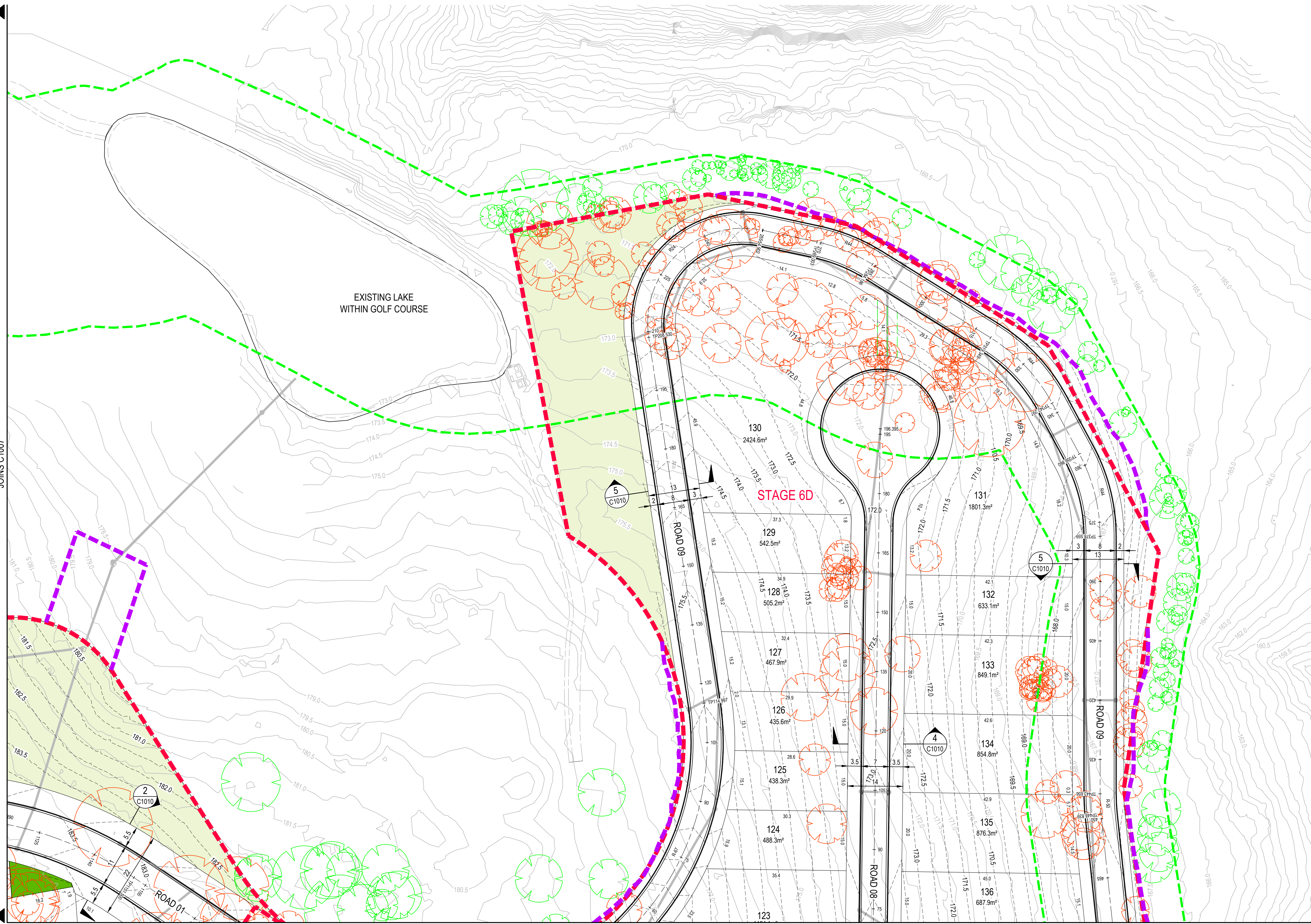
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Drawn	BAH	Date	13/08/2018
Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client **LENLEASE COMMUNITIES WILTON**
Project **BINGARA GORGE
GOLF TOWN
DEVELOPMENT APPROVAL**
Title **GENERAL ARRANGEMENT LAYOUT PLAN
SHEET 5 OF 6**

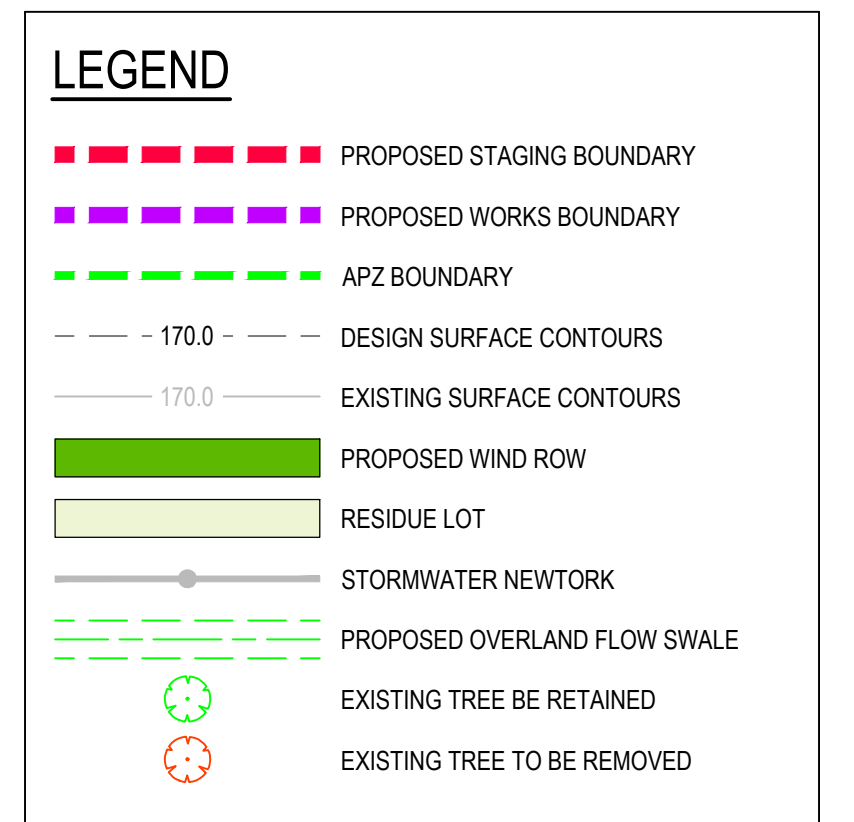
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NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM		Scale	Size
AHD		1:500	A1
Drawing Number			Revision
NA82013043-065-C1008			H

JOINS C1007



GENERAL ARRANGEMENT LAYOUT

SCALE 1:500



F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
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D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
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Rev.	Date	Description	Des.	Verif.	Appd.



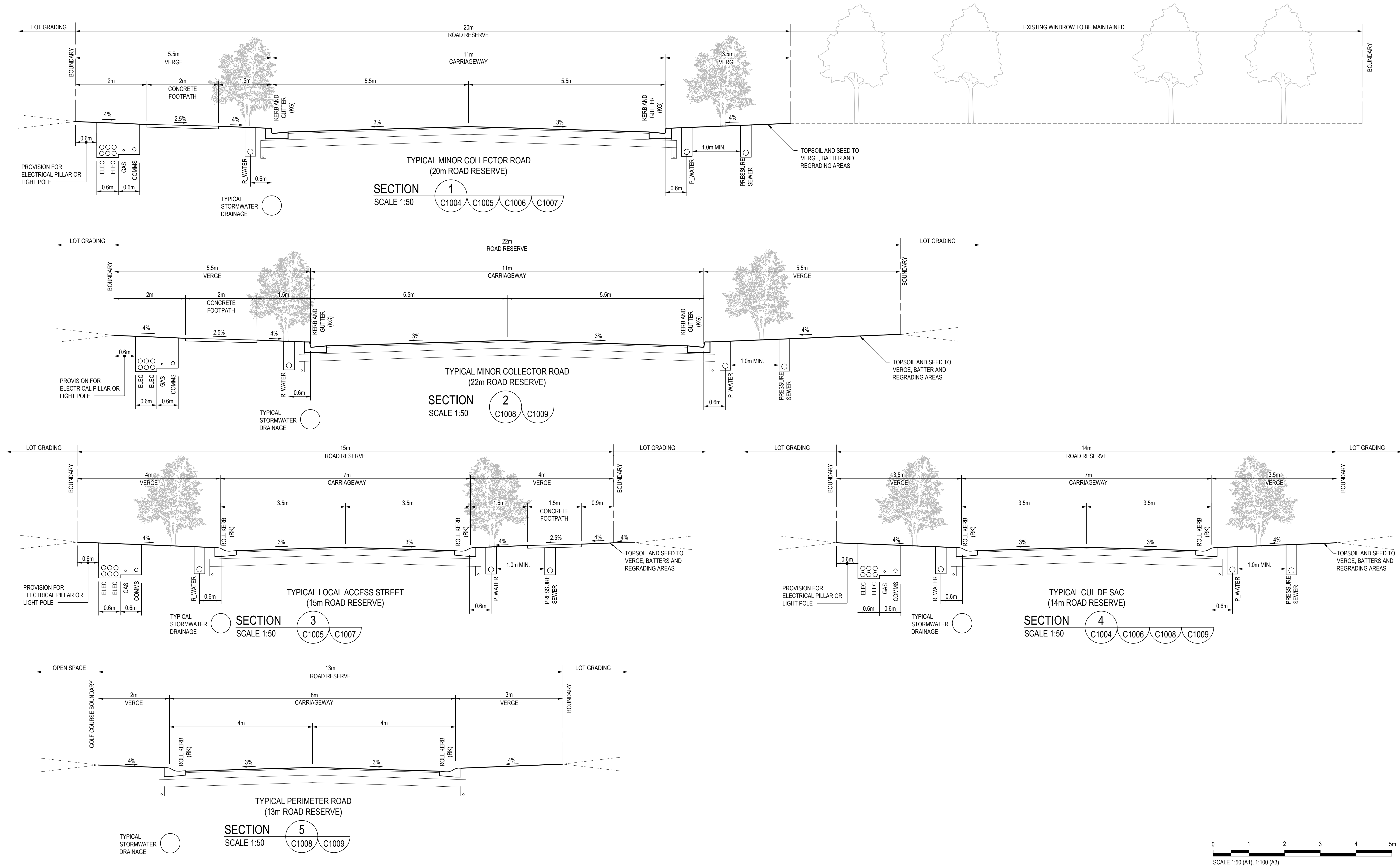
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Checked	Date
MPR	28/07/2020
Designed	Date
BAH	13/08/2018
Verified	Date
CSH	28/07/2020
Approved	
CAW	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 6 OF 6

Status			
FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM		Scale	Size
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Drawing Number			Revision
NA82013043-065-C1009			F



Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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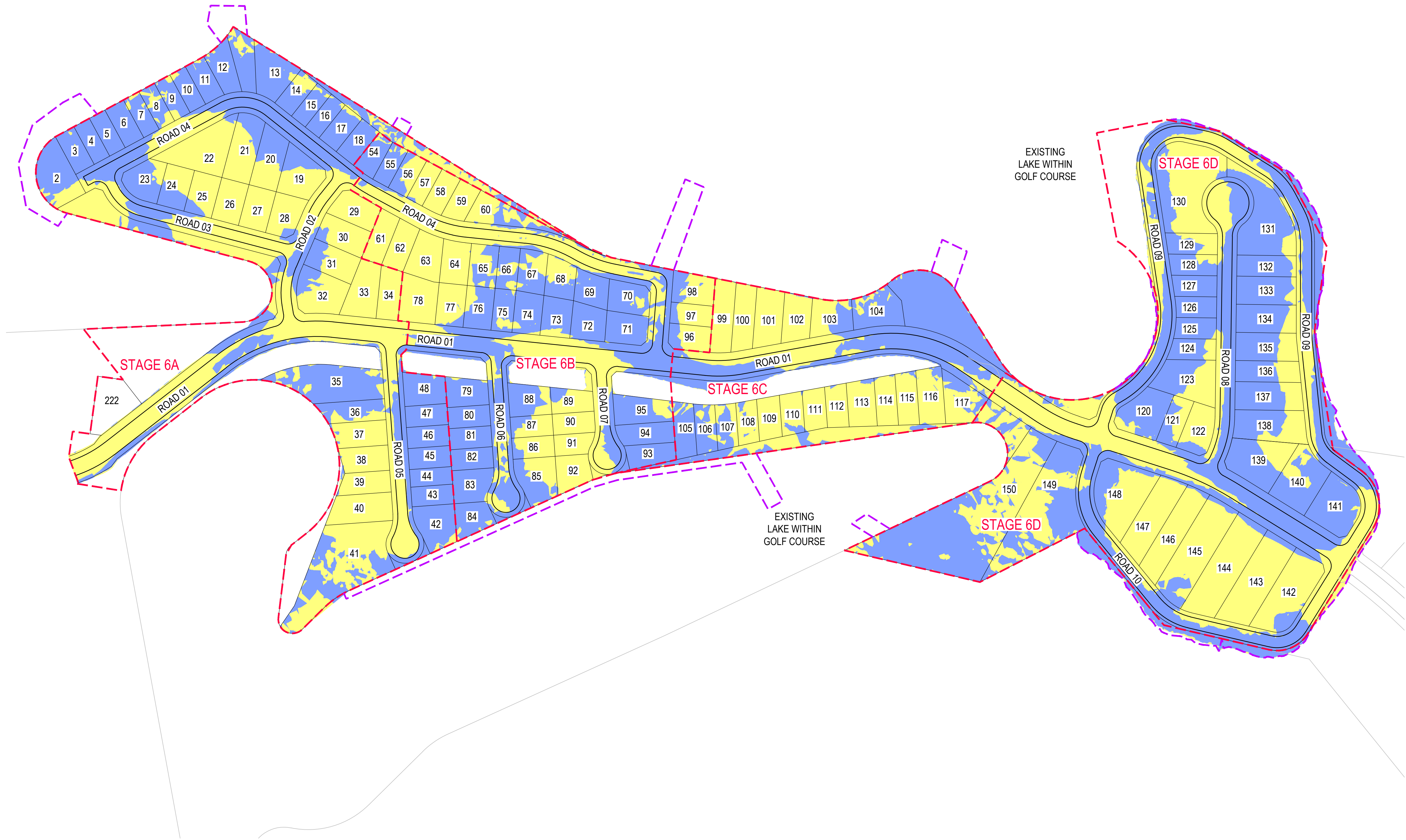
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Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	TYPICAL ROAD CROSS SECTIONS

Status	FOR APPROVAL
DATUM	AHD
Scale	1:50
Size	A1
Drawing Number	NA82013043-065-C1010
Revision	F

DATE PLOTTED: 3 August 2020 3:28 PM BY: BROOKE HENDERSON

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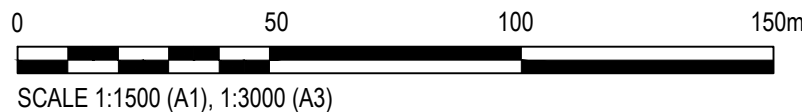
BULK EARTHWORKS LAYOUT
SCALE 1:1500

CONCEPT EARTHWORKS VOLUMES

PROPOSED CUT	26,555m³
PROPOSED FILL	27,890m³
BULK EARTHWORKS BALANCE	1,335m³ (FILL)

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED WORKS BOUNDARY
- PROPOSED CUT
- PROPOSED FILL



Rev.	Date	Description	Des.	Verif.	Appd.
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D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
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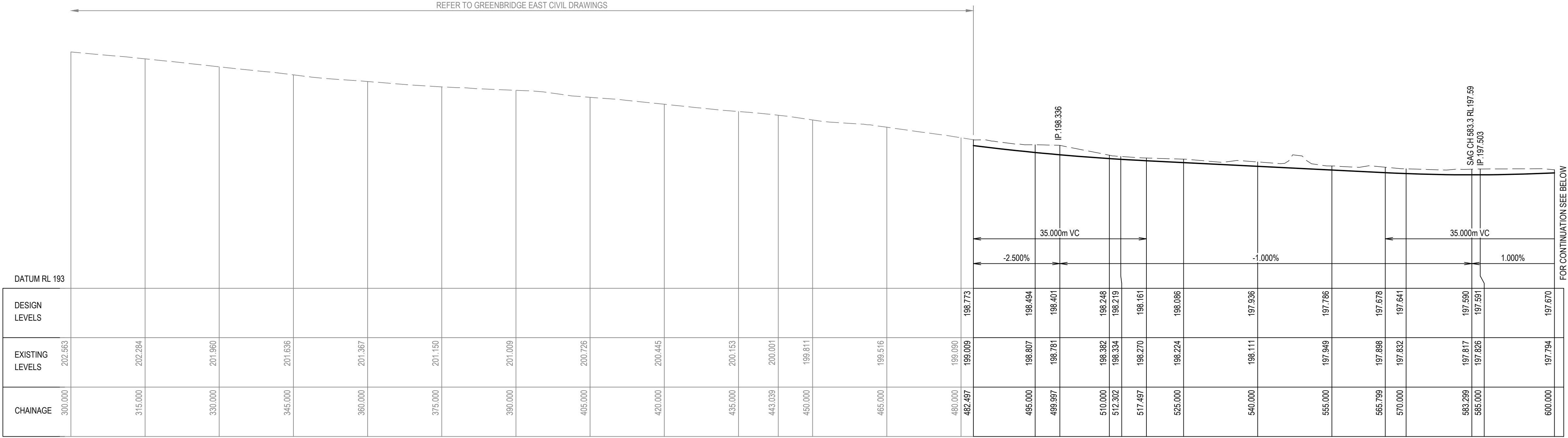


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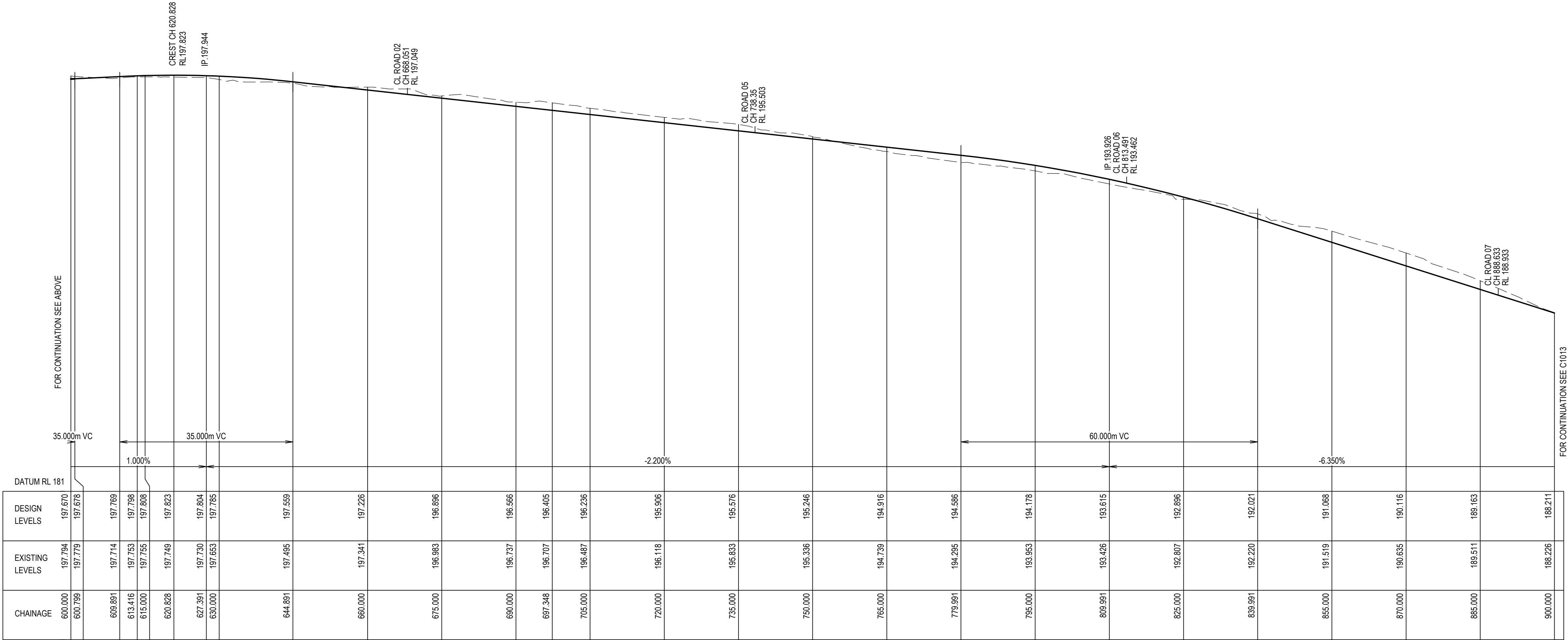
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Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	BULK EARTHWORKS LAYOUT PLAN

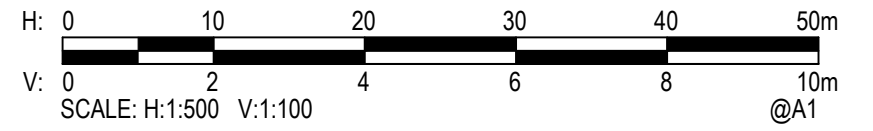
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Drawing Number				Revision	
NA82013043-065-C1011				F	



LONGITUDINAL SECTION - ROAD 01
SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 01
SCALES: HORIZ 1:500 VERTICAL 1:100



Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
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D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
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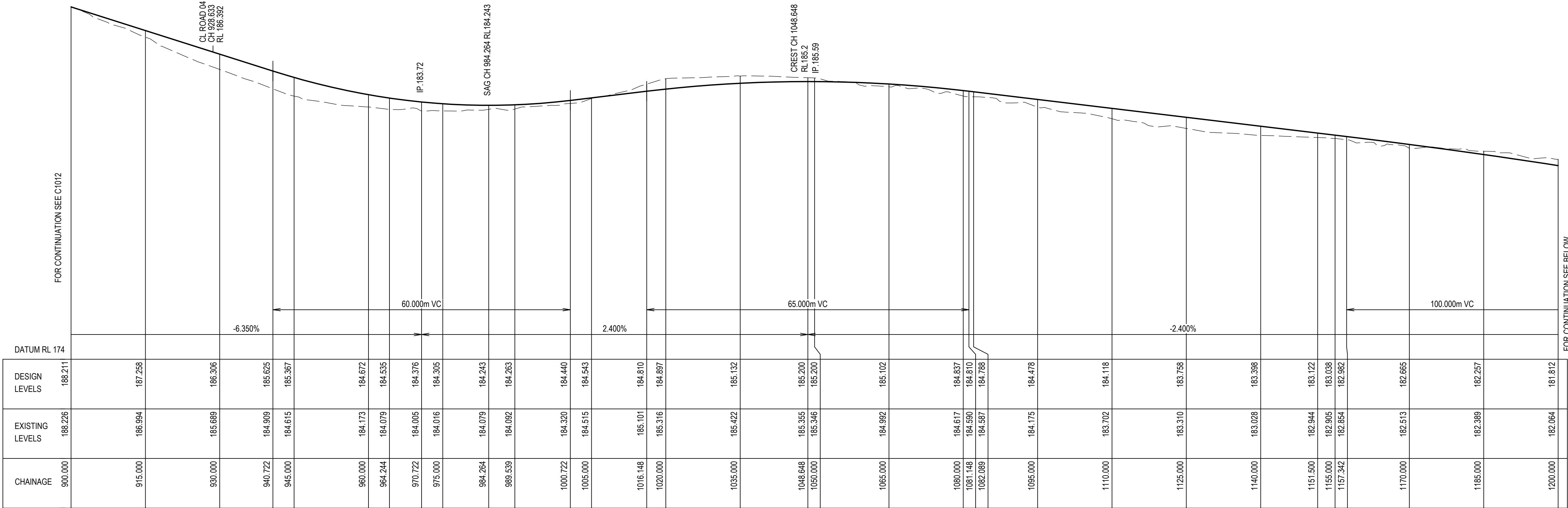


Drawn BAH	Date 13/08/2018	Client LENLEASE COMMUNITIES WILTON
Checked MPR	Date 28/07/2020	Project BINGARA GORGE
Designed BAH	Date 13/08/2018	GOLF TOWN DEVELOPMENT APPROVAL
Verified CSH	Date 28/07/2020	ROAD LONG SECTION SHEET 1 OF 8
Approved CAW	Date 21/02/2020	Title
Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
DATUM AHD	Scale AS SHOWN	Size A1
Drawing Number NA82013043-065-C1012		Revision F

DATE PLOTTED: 3 August 2020 3:42 PM BY: BROOKE HENDERSON

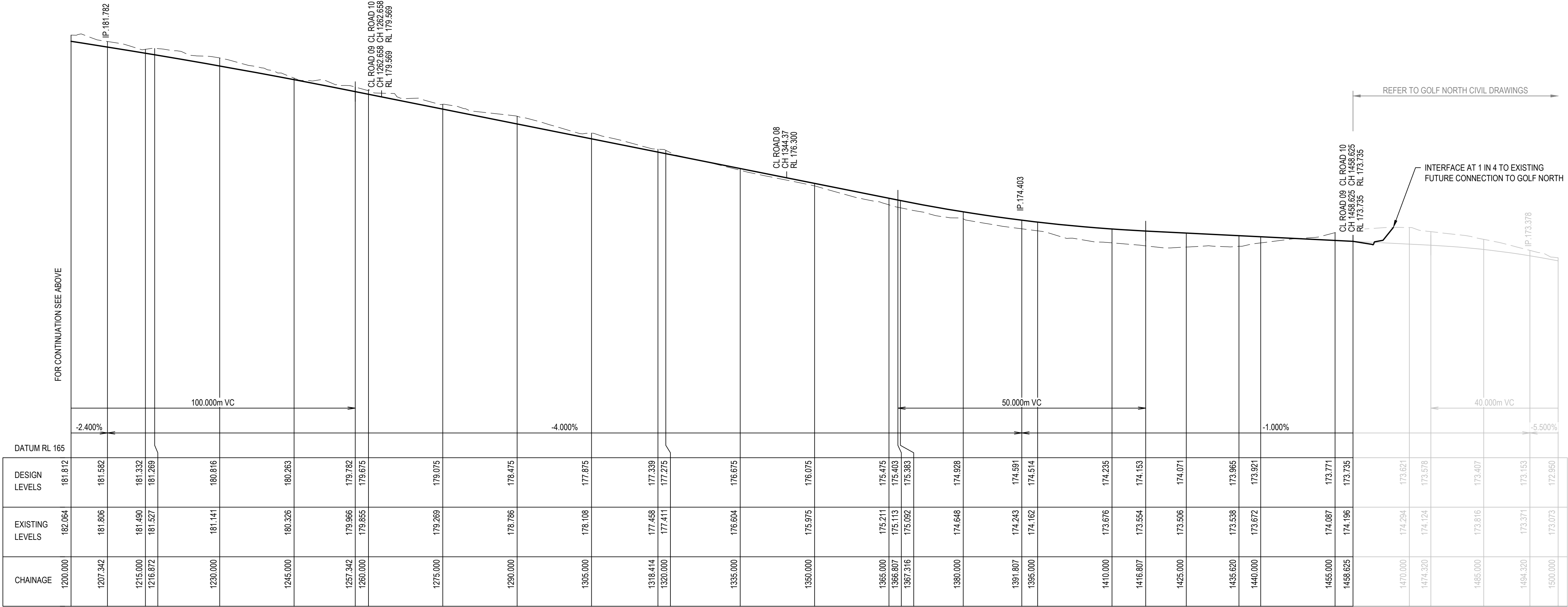
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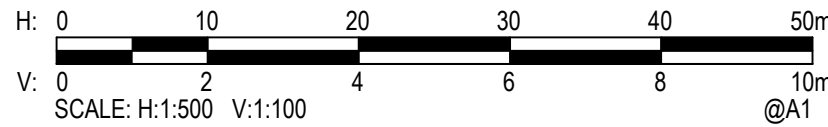
LONGITUDINAL SECTION - ROAD 01

SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 01

SCALES: HORIZ 1:500 VERTICAL 1:100



Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
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D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
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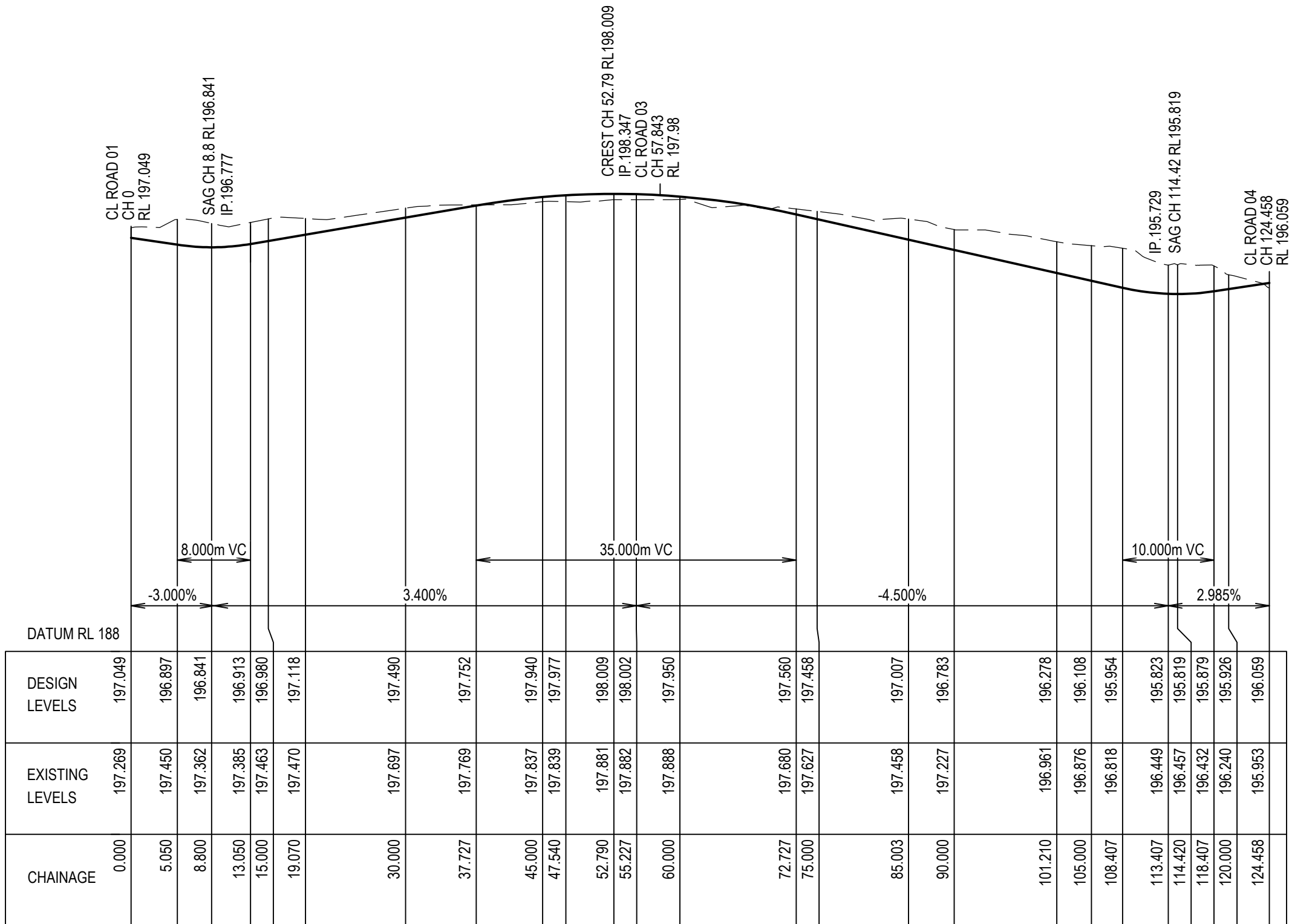
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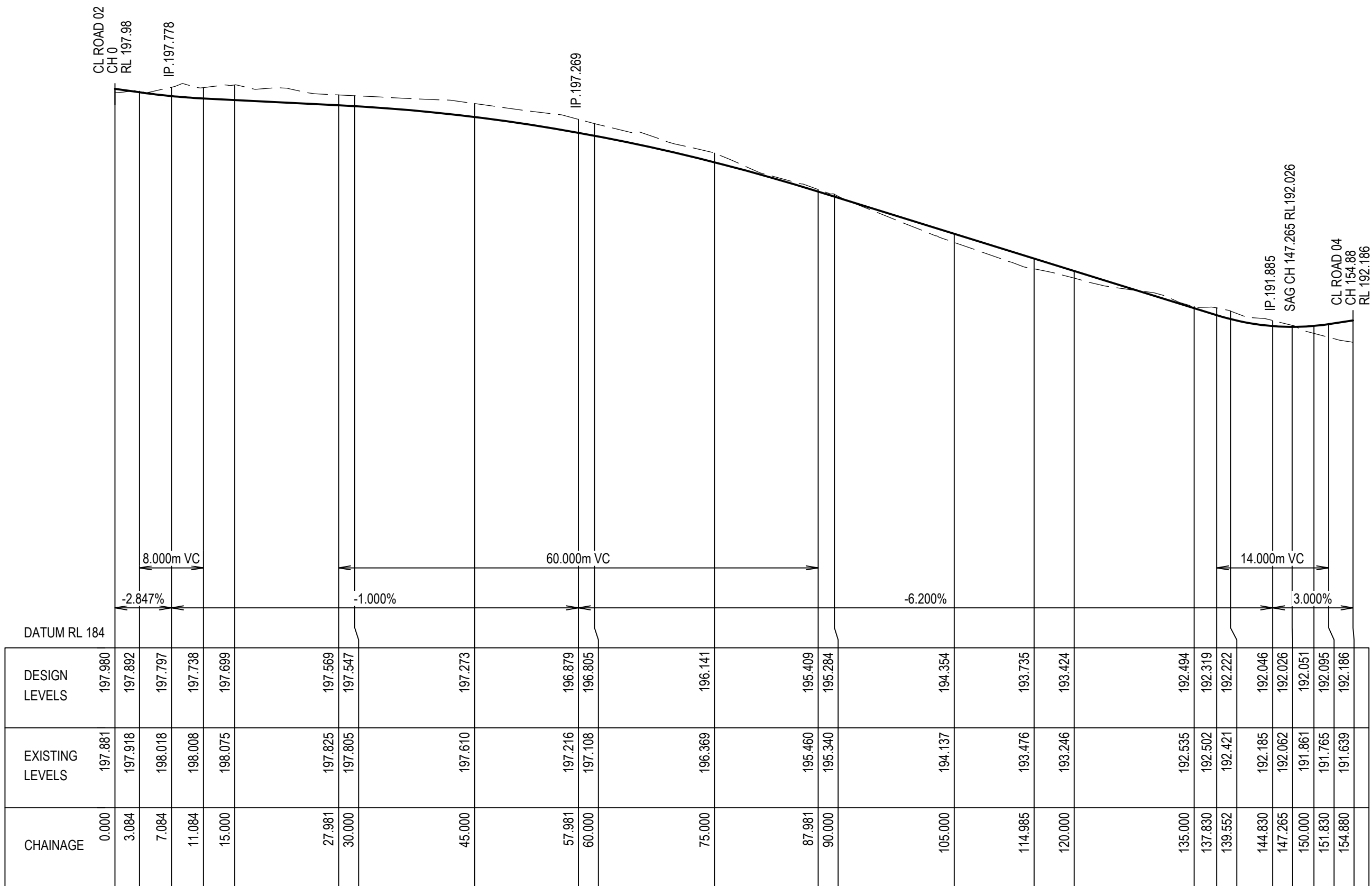
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Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE
	GOLF TOWN
	DEVELOPMENT APPROVAL
Title	ROAD LONG SECTION
	SHEET 2 OF 8

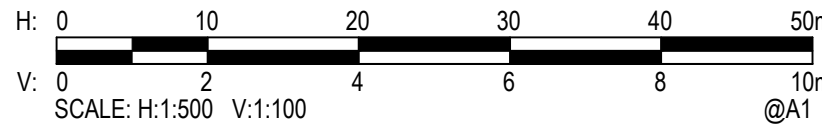
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Size	A1
Drawing Number	NA82013043-065-C1013
Revision	F



LONGITUDINAL SECTION - ROAD 02
SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 03
SCALES: HORIZ 1:500 VERTICAL 1:100



Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
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Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENdlease COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	ROAD LONG SECTION SHEET 3 OF 8

Status	FOR APPROVAL
DATUM	AHD
Scale	AS SHOWN
Size	A1
Drawing Number	NA82013043-065-C1014
Revision	F

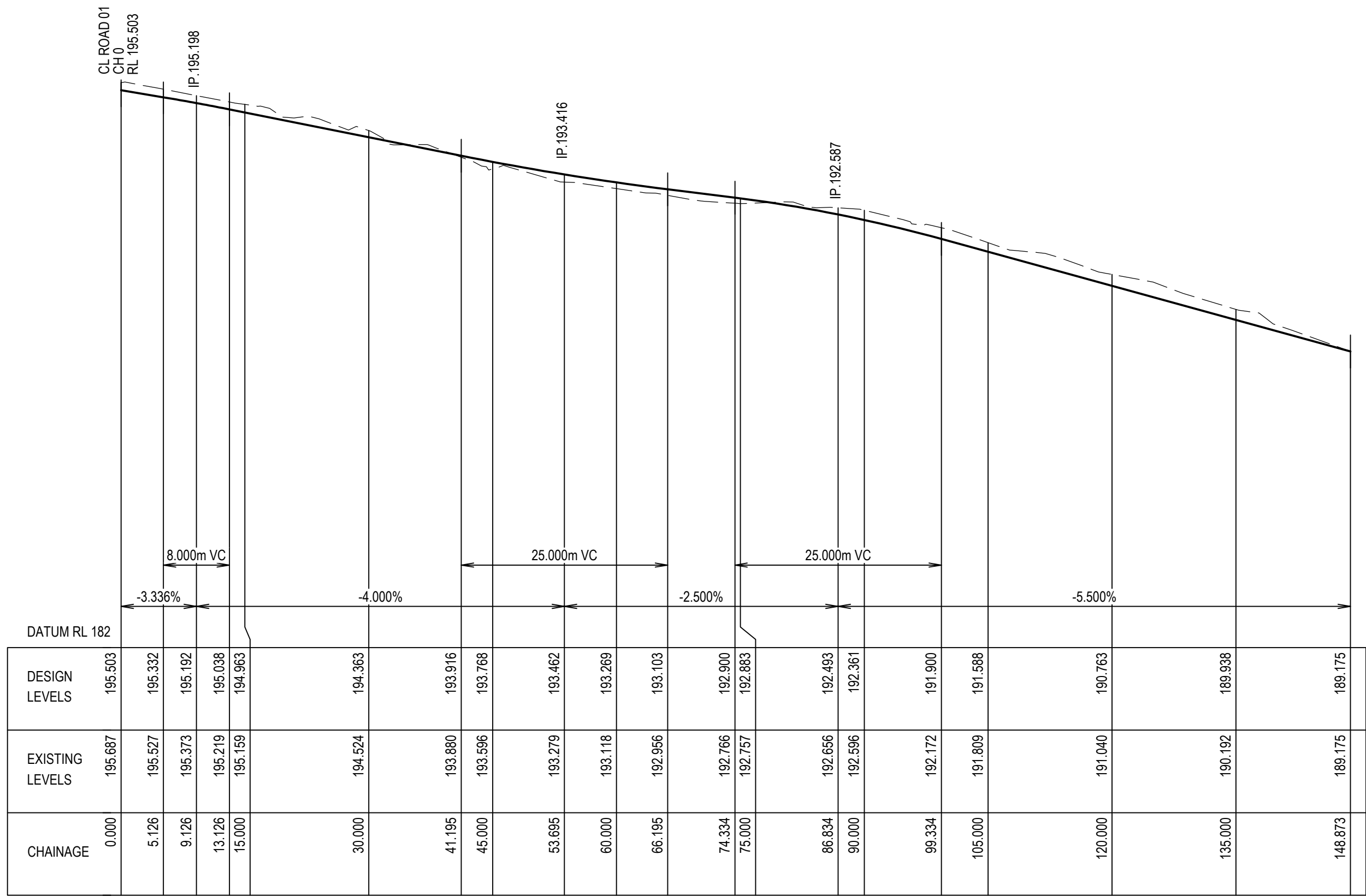


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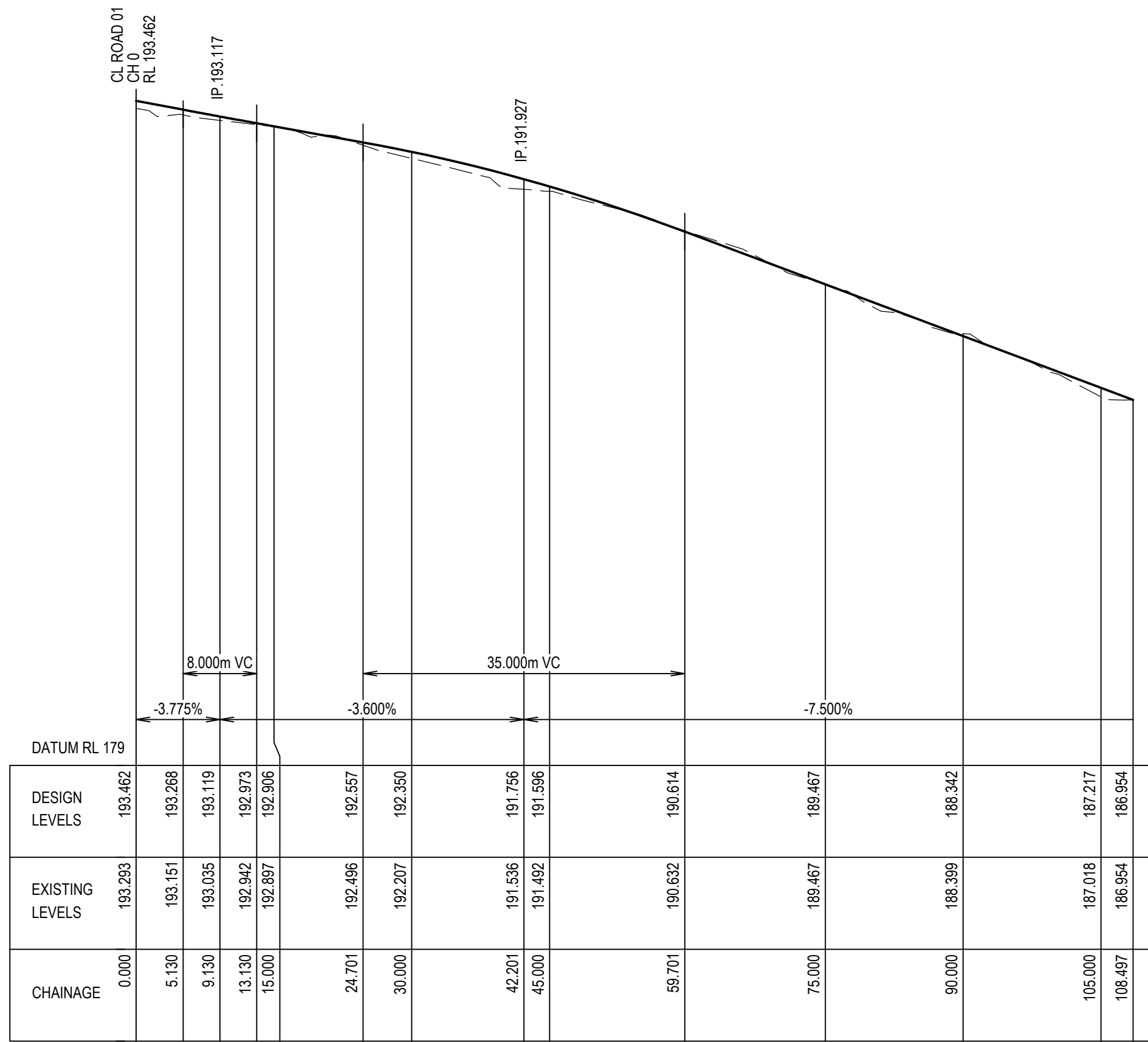
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Client	LENDLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	ROAD LONG SECTION SHEET 4 OF 8

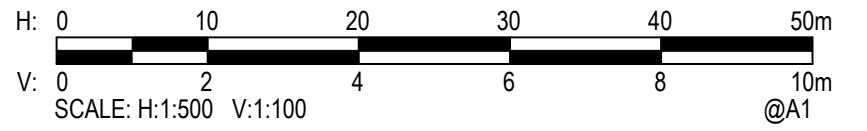
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Drawing Number			Revision
NA82013043-065-C1015			F



LONGITUDINAL SECTION - ROAD 05
SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 06
SCALES: HORIZ 1:500 VERTICAL 1:100



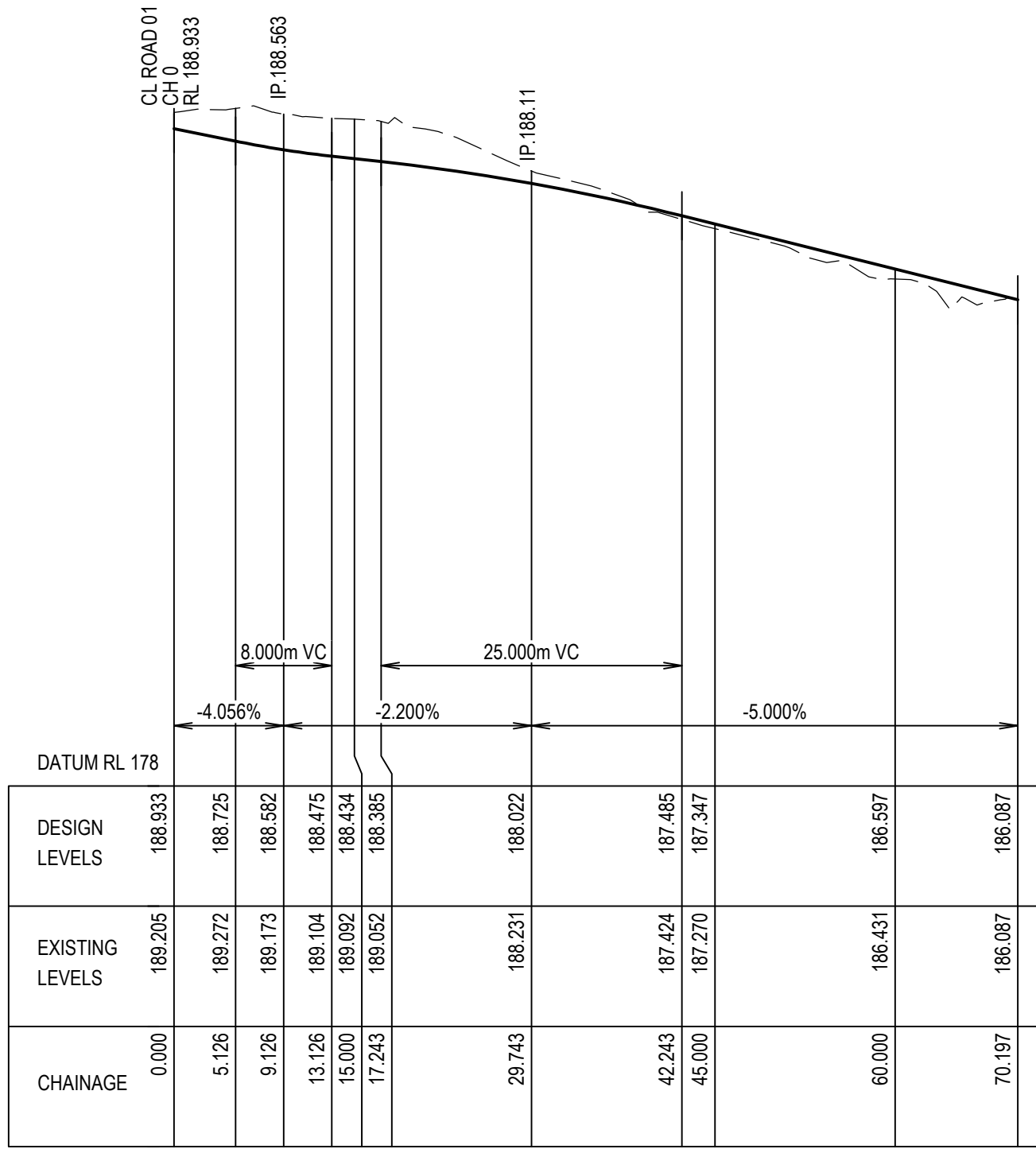
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E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



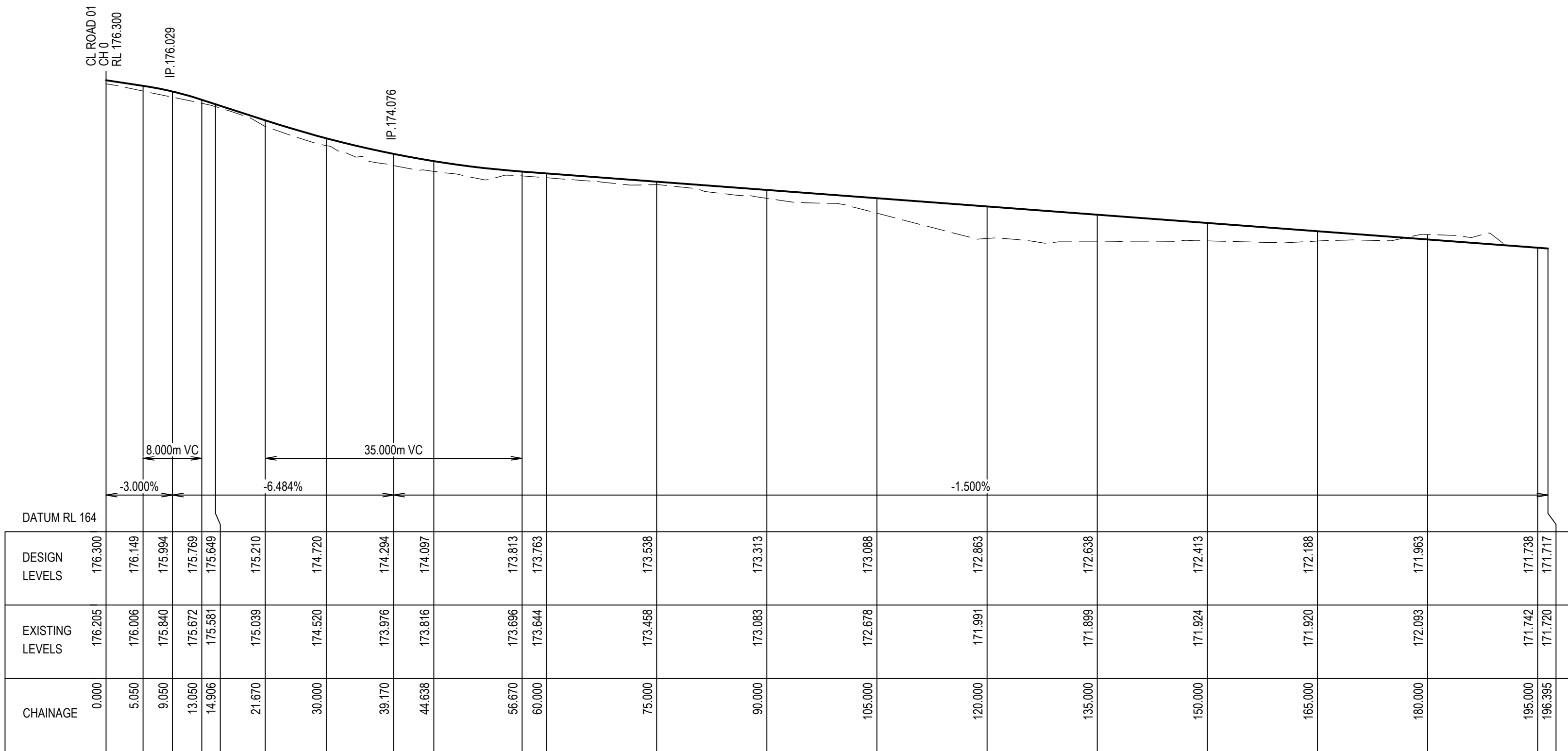
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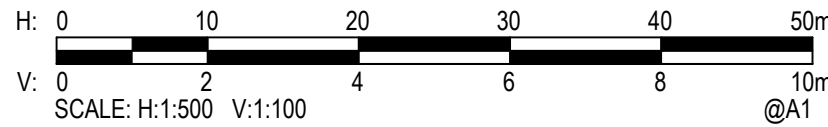
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Checked MPR 28/07/2020	Date 28/07/2020	Project BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Designed BAH 13/08/2018	Date 13/08/2018	Title ROAD LONG SECTION SHEET 5 OF 8
Verified CSH 28/07/2020	Date 28/07/2020	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved CAW 21/02/2020	Date 21/02/2020	DATUM AHD
		Scale AS SHOWN
		Size A1
		Drawing Number NA82013043-065-C1016
		Revision F



LONGITUDINAL SECTION - ROAD 07
SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 08
SCALES: HORIZ 1:500 VERTICAL 1:100



Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
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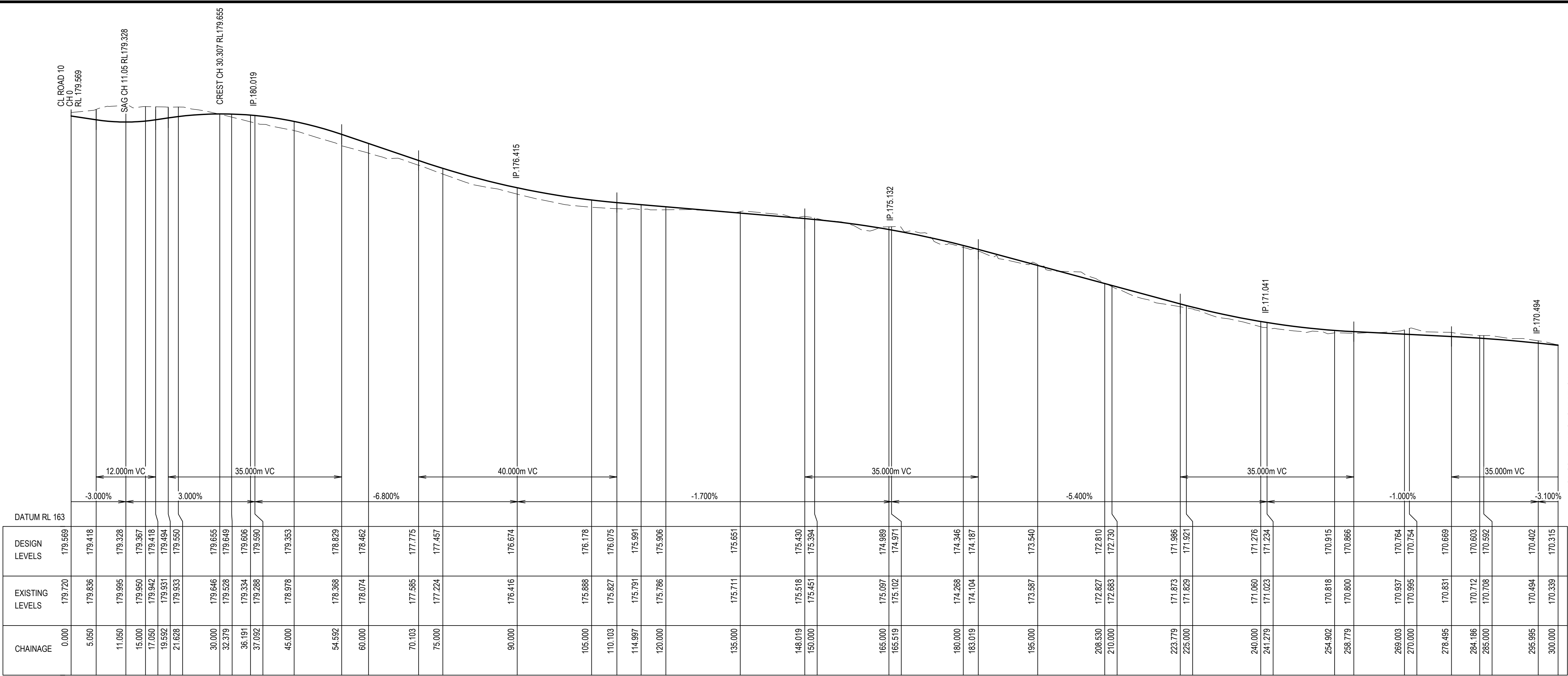
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Drawn BAH	Date 13/08/2018	Client LENLEASE COMMUNITIES WILTON
Checked MPR	Date 28/07/2020	Project BINGARA GORGE
Designed BAH	Date 13/08/2018	GOLF TOWN
Verified CSH	Date 28/07/2020	DEVELOPMENT APPROVAL
Approved CAW	Date 21/02/2020	ROAD LONG SECTION SHEET 6 OF 8
Status FOR APPROVAL		DATUM AHD
NOT TO BE USED FOR CONSTRUCTION PURPOSES		Scale AS SHOWN
Drawing Number NA82013043-065-C1017		Size A1
		Revision F

DATE PLOTTED: 3 August 2020 3:43 PM BY: BROOKE HENDERSON

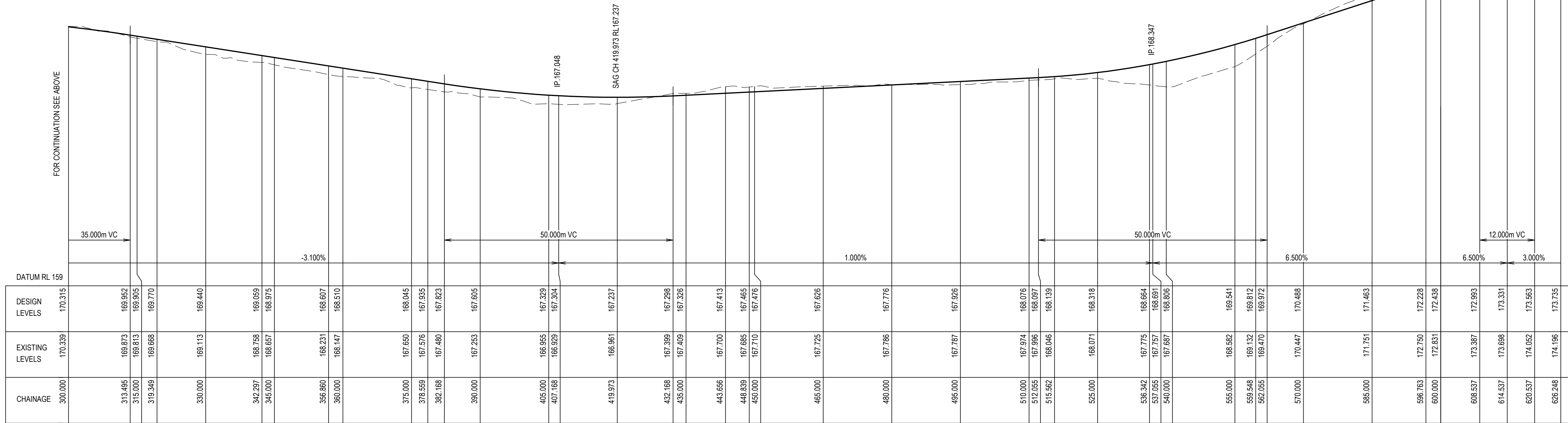
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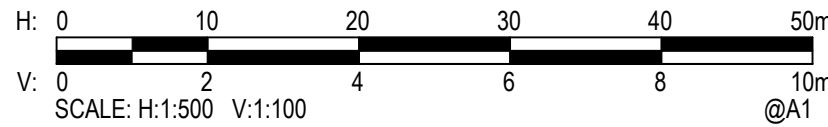
LONGITUDINAL SECTION - ROAD 09

SCALES: HORIZ 1:500 VERTICAL 1:100



LONGITUDINAL SECTION - ROAD 09

SCALES: HORIZ 1:500 VERTICAL 1:100



Rev.	Date	Description	Des.	Verif.	Appd.
D	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
C	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
B	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
A	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	CAW



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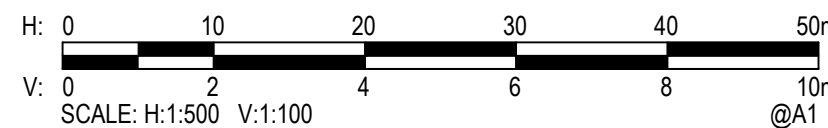
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Checked	MPR	Date	28/07/2020
Designed	BAH	Date	18/02/2020
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	ROAD LONG SECTION SHEET 7 OF 8

Status				
FOR APPROVAL				
NOT TO BE USED FOR CONSTRUCTION PURPOSES				
DATUM		Scale	Size	
AHD		AS SHOWN	A1	
Drawing Number				Revision
NA82013043-065-C1018				D



D	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
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A	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	CAW
Rev.	Date	Description	Des.	Verif.	Appd.

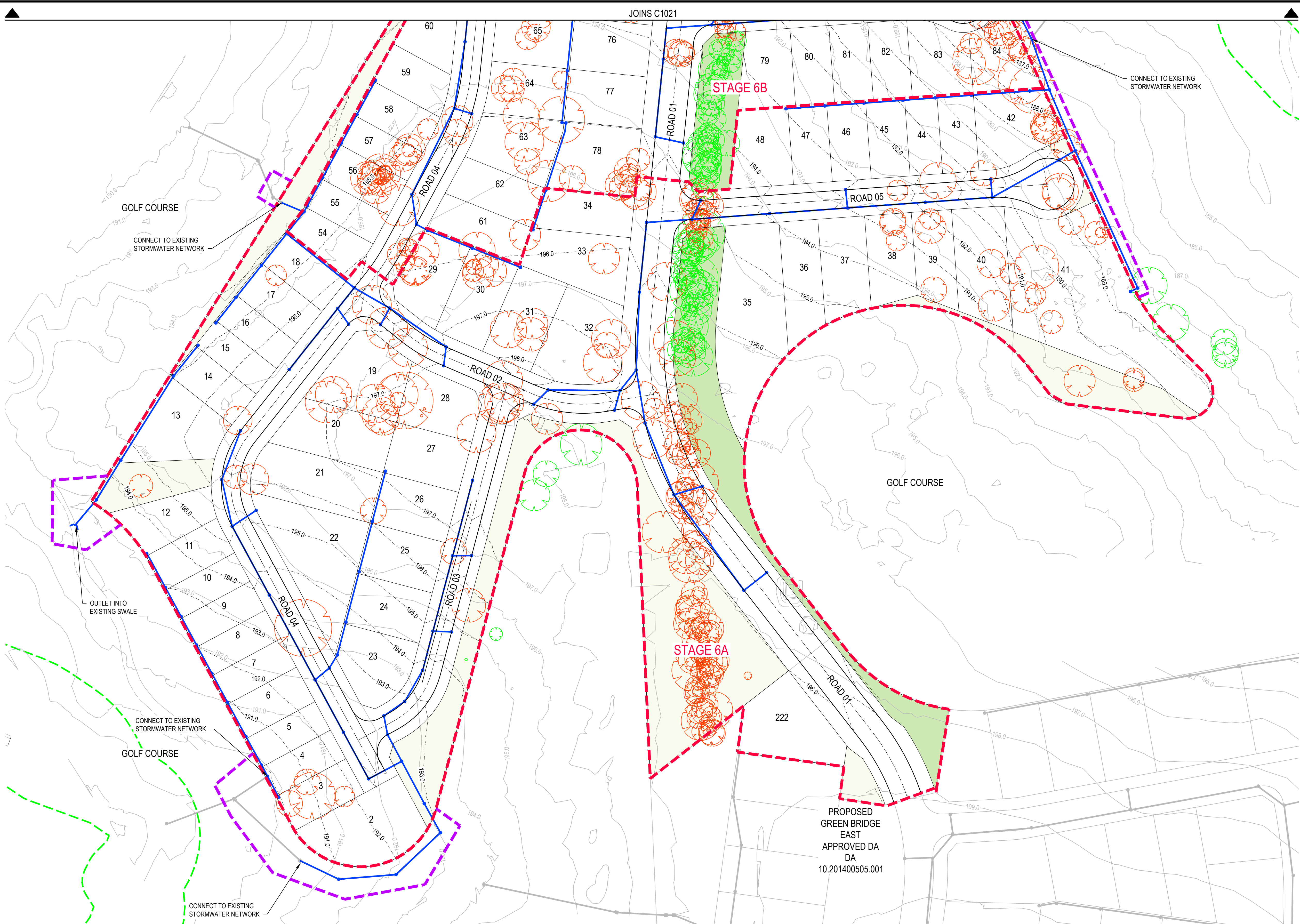


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Drawn MD	Date 18/02/2020	Client LENLEASE COMMUNITIES WILTON			
Checked MPR	Date 28/07/2020	Project BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL		Status FOR APPROVAL	
Designed BAH	Date 18/02/2020			NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Verified CSH	Date 28/07/2020	Title ROAD LONG SECTION SHEET 8 OF 8		DATUM AHD	Scale AS SHOWN
Approved				Drawing Number NA82013043-065-C1019	Size A1
CAW	21/02/2020				Revision D

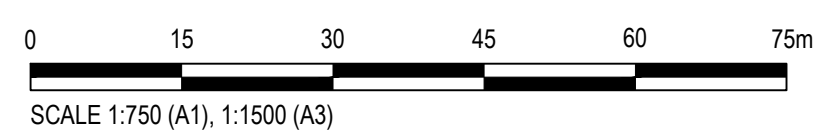
DATE PLOTTED: 3 August 2020 3:33 PM BY: BROOKE HENDERSON
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CAD File: U:\FY\3\NA82013043 Bingara Golf Town\Drawings\Build\C1000 (DA)\NA82013043-065-C1020.dwg



NOTE:
REFER TO BINGARA GORGE GOLF TOWN + GOLF NORTH
DEVELOPMENT APPLICATION STORMWATER COMPLIANCE LETTER
PREPARED BY J. WYNDHAM PRICE DATED AUG 2020

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED WORKS BOUNDARY
- APZ BOUNDARY
- PROPOSED WIND ROW
- RESIDUE LOT
- 170.0 DESIGN CONTOURS
- 170.0 EXISTING CONTOURS
- PROPOSED STORMWATER NETWORK
- EXISTING STORMWATER NETWORK
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED



STORMWATER CONCEPT LAYOUT
SCALE 1:750

Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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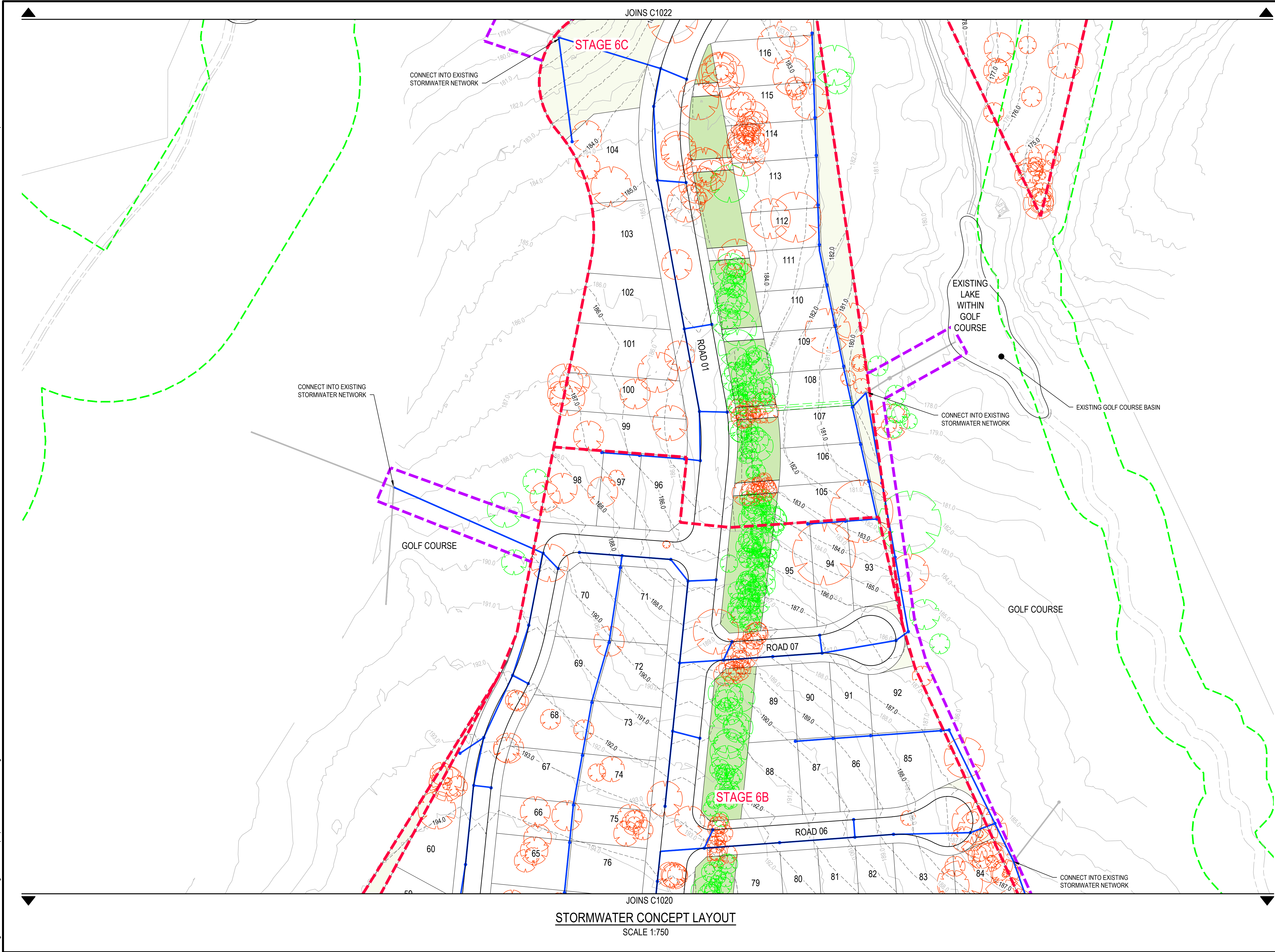
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Drawn	BAH	Date	13/08/2018
Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	STORMWATER CONCEPT LAYOUT PLAN SHEET 1 OF 3

Status	FOR APPROVAL		
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM		Scale	Size
AHD		1:750	A1
Drawing Number			Revision
NA82013043-065-C1020			F

DATE PLOTTED: 21 September 2020 2:04 PM BY: BROOKE HENDERSON
XREFs: XR-NA82013043-065-D1-BASE; XR-NA82013043-065-G1-LEGEND; XR-NA82013043-065-D1-STORMWATER; XR-NA82013043-065-D1-HATCH; XR-NA82013043-065-D1-CONTOURS; 1m; XR-NA82013043-065-E-STORMWATER
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NOTE:
REFER TO BINGARA GORGE GOLF TOWN - GOLF NORTH
DEVELOPMENT APPLICATION STORMWATER COMPLIANCE LETTER
PREPARED BY J.WYNDHAM PRICE DATED AUG 2020

LEGEND	
	PROPOSED STAGING BOUNDARY
	PROPOSED WORKS BOUNDARY
	APZ BOUNDARY
	PROPOSED WIND ROW
	RESIDUE LOT
	DESIGN CONTOURS
	EXISTING CONTOURS
	PROPOSED STORMWATER NETWORK
	PROPOSED OVERLAND FLOW SWALE
	EXISTING STORMWATER NETWORK
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED



Rev.	Date	Description	Des.	Verif.	Appd.
G	21/09/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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Drawn	BAH	Date	13/08/2018
Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	STORMWATER CONCEPT LAYOUT PLAN SHEET 2 OF 3

Status			
FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM		Scale	Size
AHD		1:750	A1
Drawing Number			Revision
NA82013043-065-C1021			G



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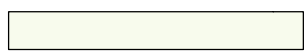
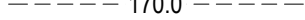
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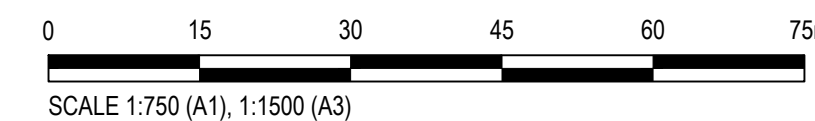
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Checked MPR	Date 28/07/2020	Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
Designed BAH	Date 13/08/2018	Title	STORMWATER CONCEPT LAYOUT PLAN SHEET 3 OF 3		DATUM AHD
Verified CSH	Date 28/07/2020				Scale 1:750
Approved					A1
CAW	21/02/2020				Revision
			Drawing Number NA82013043-065-C1022		G

NOTE:

REFER TO BINGARA GORGE GOLF TOWN + GOLF NORTH
DEVELOPMENT APPLICATION STOMRWATER COMPLIANCE LETTER
PREPARED BY J.WYNDHAM PRICE DATED AUG 2020

LEGEND

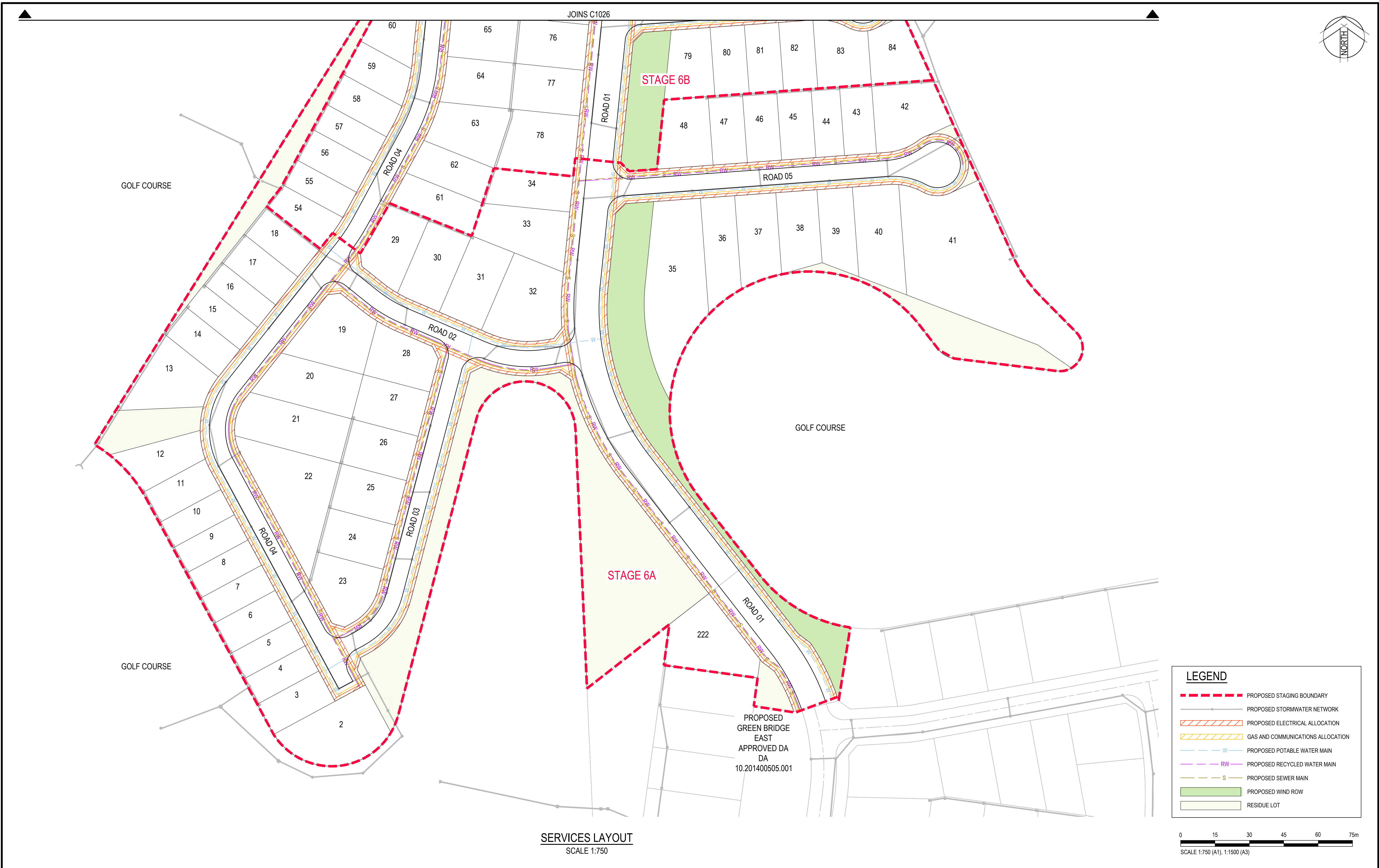
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	PROPOSED WORKS BOUNDARY
	APZ BOUNDARY
	PROPOSED WIND ROW
	RESIDUE LOT
	DESIGN CONTOURS (1m INCREMENT)
	EXISTING CONTOURS (1m INCREMENT)
	STORMWATER RISING MAIN
	STORMWATER TANK
	PROPOSED OVERLAND FLOW SWALE
	PROPOSED STORMWATER NETWORK
	EXISTING STORMWATER NETWORK
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED



DATE PLOTTED: 3 August 2020 3:35 PM BY: BROOKE HENDERSON

XREF's: XR-NA82013043-065-D1-BASE; XR-NA82013043-065-D1-LEGEND; XR-NA82013043-065-D1-SURVEY; XR-NA82013043-065-D1-SERVICES; XR-NA82013043-065-D1-HATCH; XR-NA82013043-065-E-STORMWATER

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Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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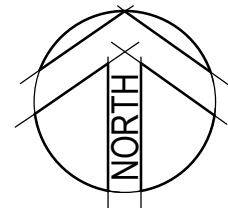
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Drawn BAH	Date 13/08/2018	Client LENLEASE COMMUNITIES WILTON
Checked MPR	Date 28/07/2020	Project BINGARA GORGE
Designed BAH	Date 13/08/2018	GOLF TOWN DEVELOPMENT APPROVAL
Verified CSH	Date 28/07/2020	SERVICES LAYOUT PLAN
Approved CAW	Date 21/02/2020	SHEET 1 OF 3
Status FOR APPROVAL		DATUM AHD
NOT TO BE USED FOR CONSTRUCTION PURPOSES		Scale 1:750
Drawing Number NA82013043-065-C1025		Size A1
		Revision F

DATE PLOTTED: 21 September 2020 2:02 PM BY: BROOKE HENDERSON

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CAD File: U:\FY\3\NA82013043-Bingara Gorge\65 Golf Town\Drawings\Build\1000 [A] \NA82013043-065-C-1026.dwg



LEGEND

PROPOSED STAGING BOUNDARY

PROPOSED STORMWATER NETWORK

PROPOSED ELECTRICAL ALLOCATION

GAS AND COMMUNICATIONS ALLOCATION

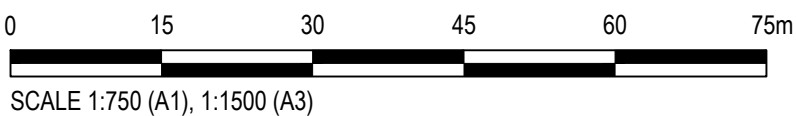
PROPOSED POTABLE WATER MAIN

PROPOSED RECYCLED WATER MAIN

PROPOSED SEWER MAIN

PROPOSED WIND ROW

RESIDUE LOT



Rev.	Date	Description	Des.	Verif.	Appd.
G	21/09/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		CAW
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW



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Drawn	BAH	Date	13/08/2018
Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	SERVICES LAYOUT PLAN SHEET 2 OF 3

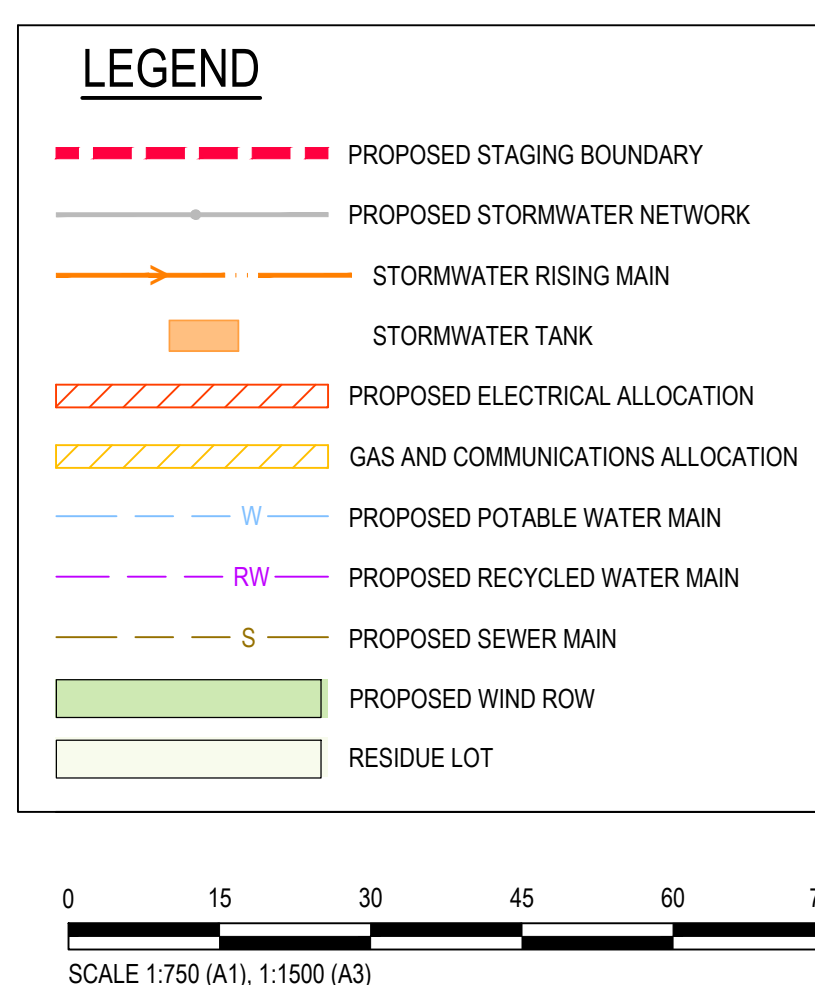
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DATUM	AHD
Scale	1:750
Size	A1
Drawing Number	NA82013043-065-C1026
Revision	G



JOINS C1026

SERVICES LAYOUT

SCALE 1:750



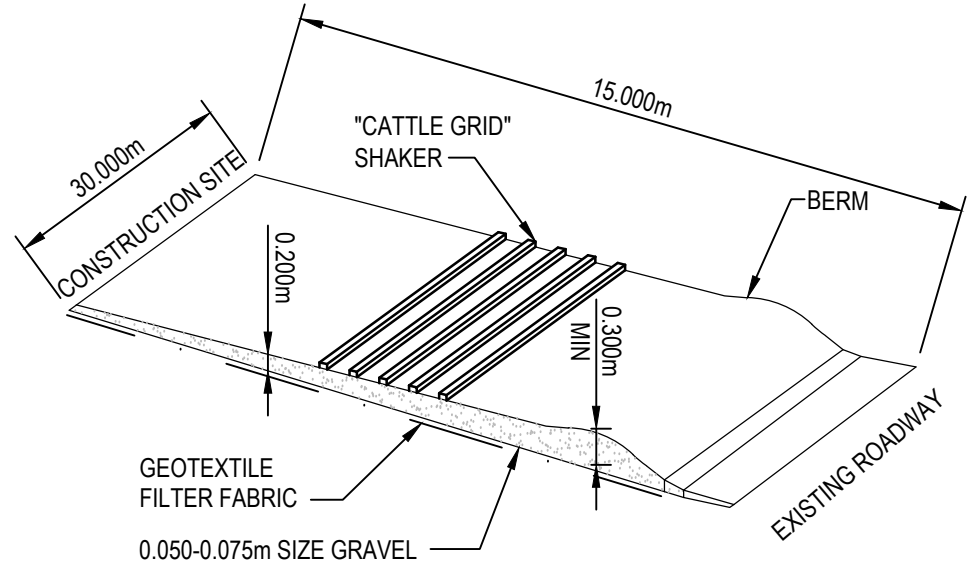
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D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH		
B	18/10/2018	REVISED ISSUED FOR APPROVAL	BAH	DMS	CAW
A	7/09/2018	ISSUED FOR APPROVAL	BAH	DMS	CAW
Rev.	Date	Description	Appd.	Verif.	



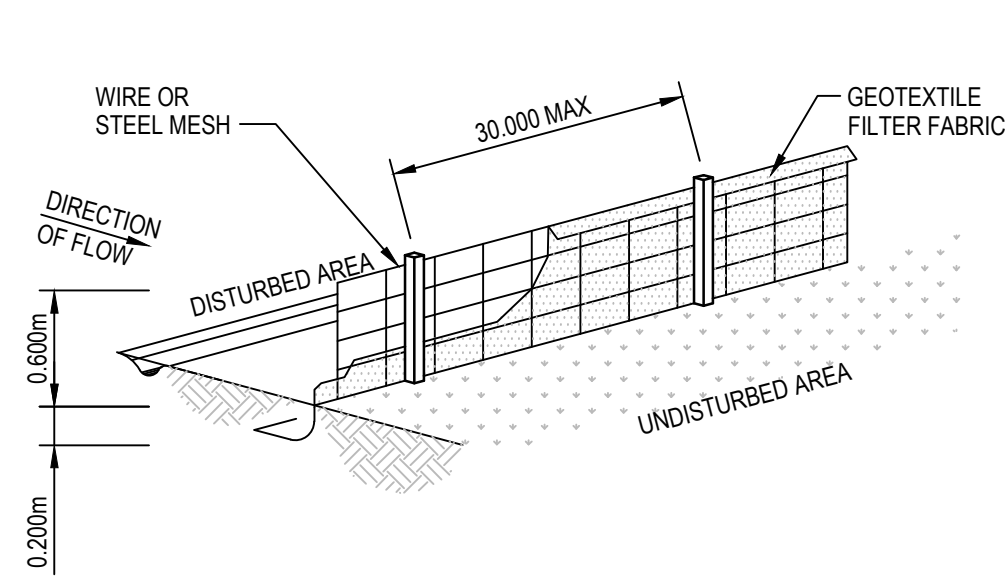
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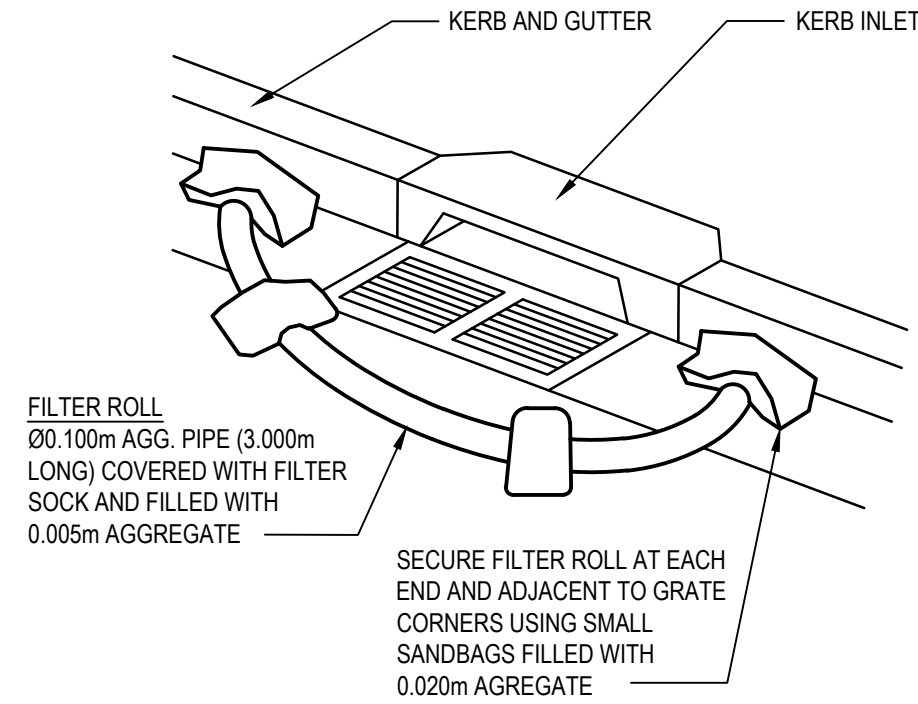
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Checked MPR	Date 28/07/2020	Project BINGARA GORGE			
Designed BAH	Date 13/08/2018	GOLF TOWN			
Verified CSH	Date 28/07/2020	DEVELOPMENT APPROVAL			
Approved		Title SERVICES LAYOUT PLAN SHEET 3 OF 3			
CAW	21/02/2020				



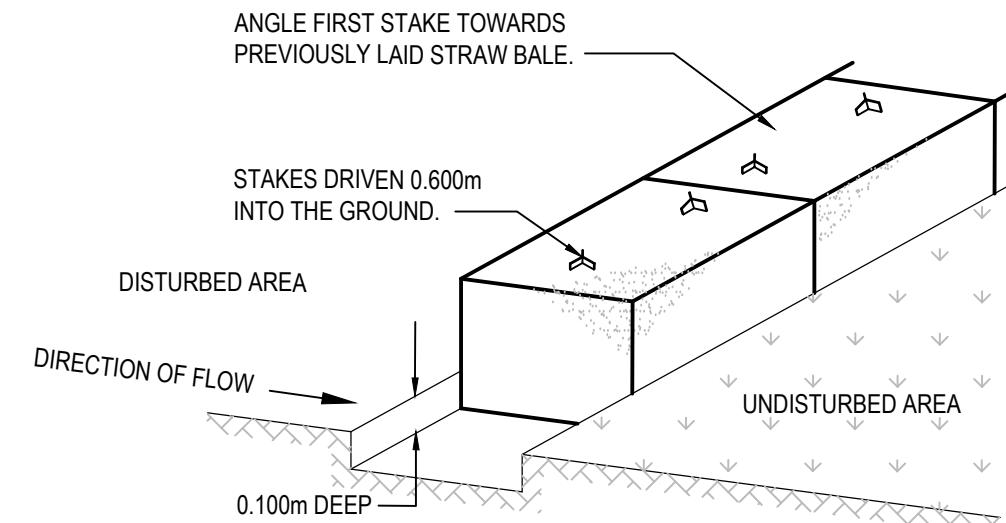
SHAKE DOWN PAD
SCALE: N.T.S.



SEDIMENT FENCE
SCALE: N.T.S.



SEDIMENT TRAP AROUND ALL PITS
SCALE: N.T.S.



HAYBALE SEDIMENT BARRIER
SCALE: N.T.S.

SOIL & WATER MANAGEMENT NOTES

1. ALL SOIL AND WATER MANAGEMENT MUST COMPLY WITH LANDCOM'S PUBLICATION 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION (2004)'
2. PERMANENT BATTERS TO BE TOPSOILED (MIN 200mm) AND HYDROSEEDING WITH APPROVED SEED MIX
3. ALL FOOTPATHS AND DISTURBED AREAS TO BE TURFED UPON COMPLETION AS PER LANDSCAPE ARCHITECTS DETAILS.
4. TOPSOIL TO BE STOCKPILED AS SHOWN, WITH SEDIMENT FENCE PLACED DOWNSTREAM TO PREVENT LOSS OF MATERIAL ALL DISTURBED AREAS ARE TO BE SEEDED WITH AN APPROVED SEED MIX.
5. SEEDED AREAS TO BE REGULARLY WATERED TO PROMOTE RAPID GROWTH.
6. ANY REVEGETATED AREAS WHICH FAIL TO ESTABLISH WITHIN THREE MONTHS MUST BE RE-SOWN.
7. ALL SOIL AND WATER MANAGEMENT DEVICES TO BE CHECKED AND MAINTAINED WEEKLY AND AFTER EACH STORM EVENT TO ENSURE OPERATION AND PERFORMANCE.
8. ANY INCIDENTS ON SITE LIKELY TO CAUSE POLLUTION TO BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT.
9. DUST SUPPRESSION EQUIPMENT TO BE AVAILABLE AT ALL TIMES (INCLUDING WEEKENDS, ROSTER DAYS AND PUBLIC HOLIDAYS) TO REDUCE THE EMISSION OF DUST FROM THE SITE.
10. SEDIMENT CONTROL MEASURES TO BE REMOVED WHEN REVEGETATION IS COMPLETE.
11. HAULAGE VEHICLES TO REMAIN ON SEALED ROADS OR DEFINED TRACKS AT ALL TIMES WITHIN THE SITE.
12. BITUMEN DEFLECTORS TO BE PLACED ACROSS ROAD SHOULDER IF FINAL SEAL IS NOT TO BE PLACED IMMEDIATELY.
13. EXCAVATED MATERIAL FROM TRENCHES TO BE STOCKPILED UPHILL OF TRENCH UNTIL BACKFILLING.
14. PUBLIC ROADS TO BE KEPT CLEAR OF DEBRIS AT ALL TIMES.
15. ALL POSSIBLE SEDIMENT CONTROLS ARE TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORK.
16. STRIPPED TOPSOIL TO BE CONSERVED FOR RE-USE ON SITE.
17. REFER TO FINAL LANDSCAPE PLAN FOR REVEGETATION TECHNIQUES AND MATERIALS
18. DIVERT CLEAN WATER AROUND DISTURBED AREAS WITH EARTH BANKS WHERE POSSIBLE

LEGEND

- PROPOSED BOUNDARY
- DESIGN CONTOURS (1m INCREMENTS)
- EXISTING CONTOURS (1m INCREMENTS)
- DIRECTION OF FLOW
- SEDIMENT FENCE
- HAYBALE SEDIMENT BARRIER
- TEMPORARY STOCKPILE LOCATION
- TEMPORARY SEDIMENT BASIN
- VEHICLE WHEEL WASHBAY
- APZ BOUNDARY
- RESIDUE LOT
- PROPOSED WIND ROW



SOIL WATER MANAGEMENT LAYOUT
SCALE 1:1500

Rev.	Date	Description	Des.	Verif.	Appd.
F	3/08/2020	REVISED ISSUE FOR APPROVAL	BAH	CSH	CAW
E	27/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
D	26/02/2020	REVISED ISSUE FOR APPROVAL	BAH	AMC	CAW
C	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	
B	18/10/2018	REVISED ISSUE FOR APPROVAL	BAH	DMS	CAW
A	21/02/2020	ISSUED FOR CLIENT INFORMATION	BAH	CAW	



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Checked	MPR	Date	28/07/2020
Designed	BAH	Date	13/08/2018
Verified	CSH	Date	28/07/2020
Approved	CAW	Date	21/02/2020

Client	LENLEASE COMMUNITIES WILTON
Project	BINGARA GORGE GOLF TOWN DEVELOPMENT APPROVAL
Title	SOIL AND WATER MANAGEMENT PLAN

Status	FOR APPROVAL
DATUM	AHD
Scale	AS SHOWN
Size	A1
Drawing Number	NA82013043-065-C1028
Revision	F