

DATE PLOTTED: 2 September 2015 10:35 AM BY: DAVID BALL

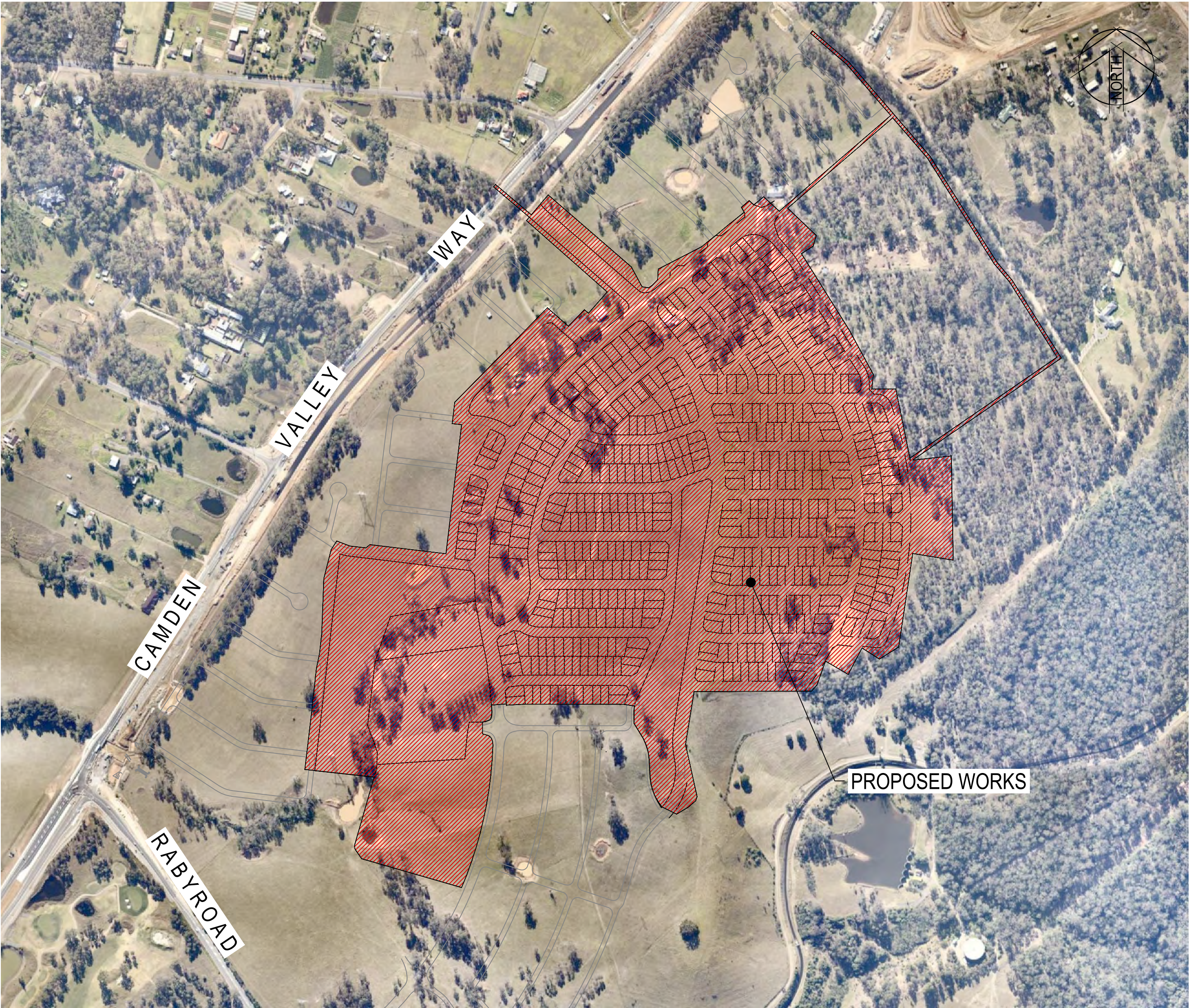


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St. Leonards, NSW 2065  
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EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS

# EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION

## TITLE SHEET



LOCALITY PLAN  
SCALE 1:5000

XREFs: XR-NA50613004-0001-LOT LAYOUT: XR-NA50613004-021-CI-ROAD  
CAD File: N:\Projects\5061\3\NA50613004 Emerald Hills Estate\027 - Stage 2-6 CIVIL\NA50613004-027-CI-DA-0001.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		

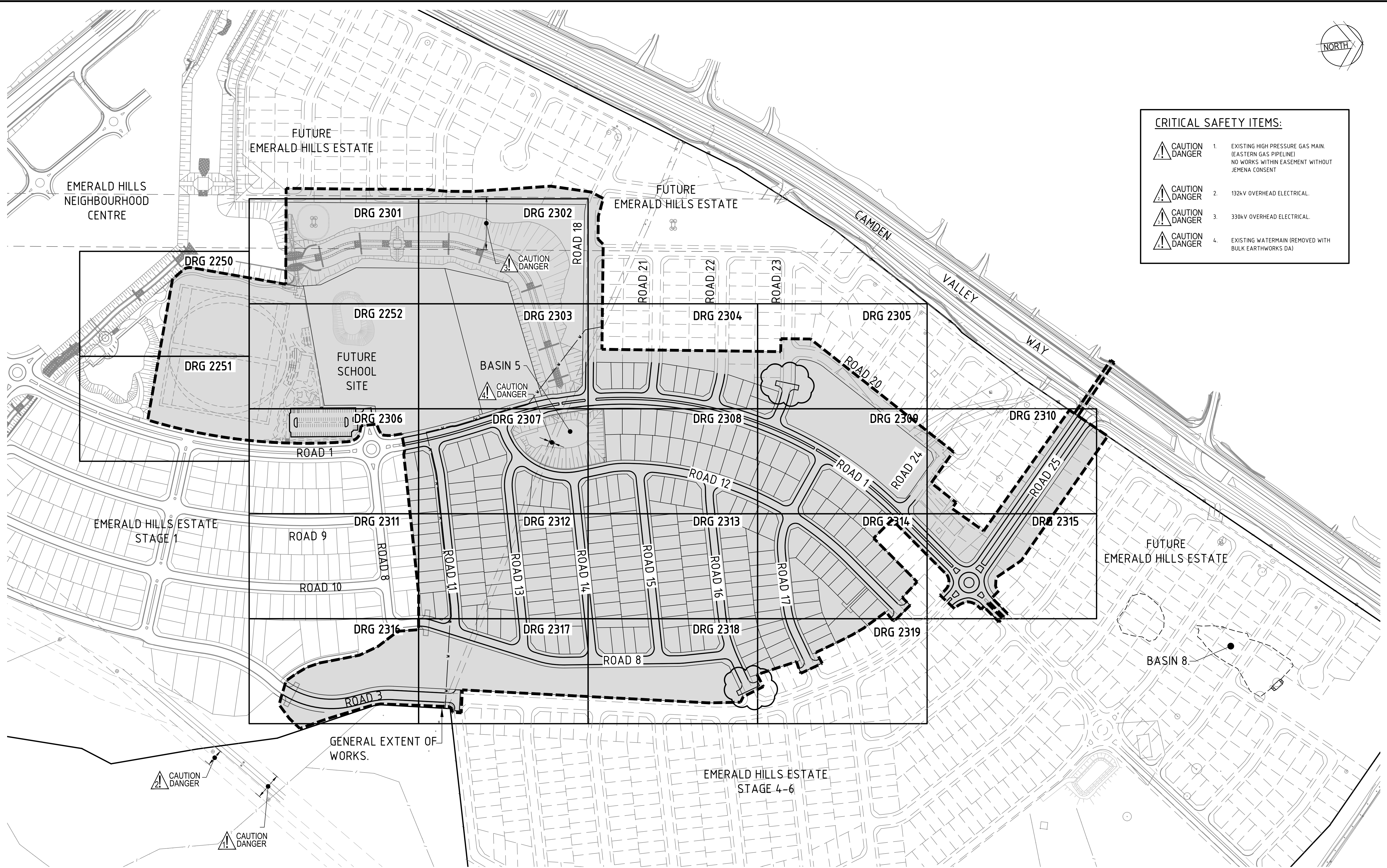


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Drawn DB	Date 09/10/2014	Status	<b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Checked MKH	Date				
Designed CP	Date 06/01/2015				
Verified	Date		Datum AHD	Scale N.T.S.	Size A1
Approved	Drawing Number NA50613004-027-CI-DA-0001		Revision 4		



DATE PLOTTED: 21 March 2016 1:16 PM BY: DAVID BALL

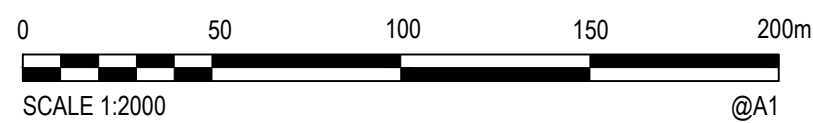


**CRITICAL SAFETY ITEMS:**

	CAUTION DANGER	1. EXISTING HIGH PRESSURE GAS MAIN. (EASTERN GAS PIPELINE) NO WORKS WITHIN EASEMENT WITHOUT JEMENA CONSENT
	CAUTION DANGER	2. 132kV OVERHEAD ELECTRICAL.
	CAUTION DANGER	3. 330kV OVERHEAD ELECTRICAL.
	CAUTION DANGER	4. EXISTING WATERMAIN (REMOVED WITH BULK EARTHWORKS DA)

CAD File: N:\Projects\5061\3004 Emerald Hills Estate\027 - Stage 2-6\DA\CIVIL\NA50613004-027-CI-DA-0006.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
5	21/03/2016	ROADS 16 AND 23 TURNING HEADS ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
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1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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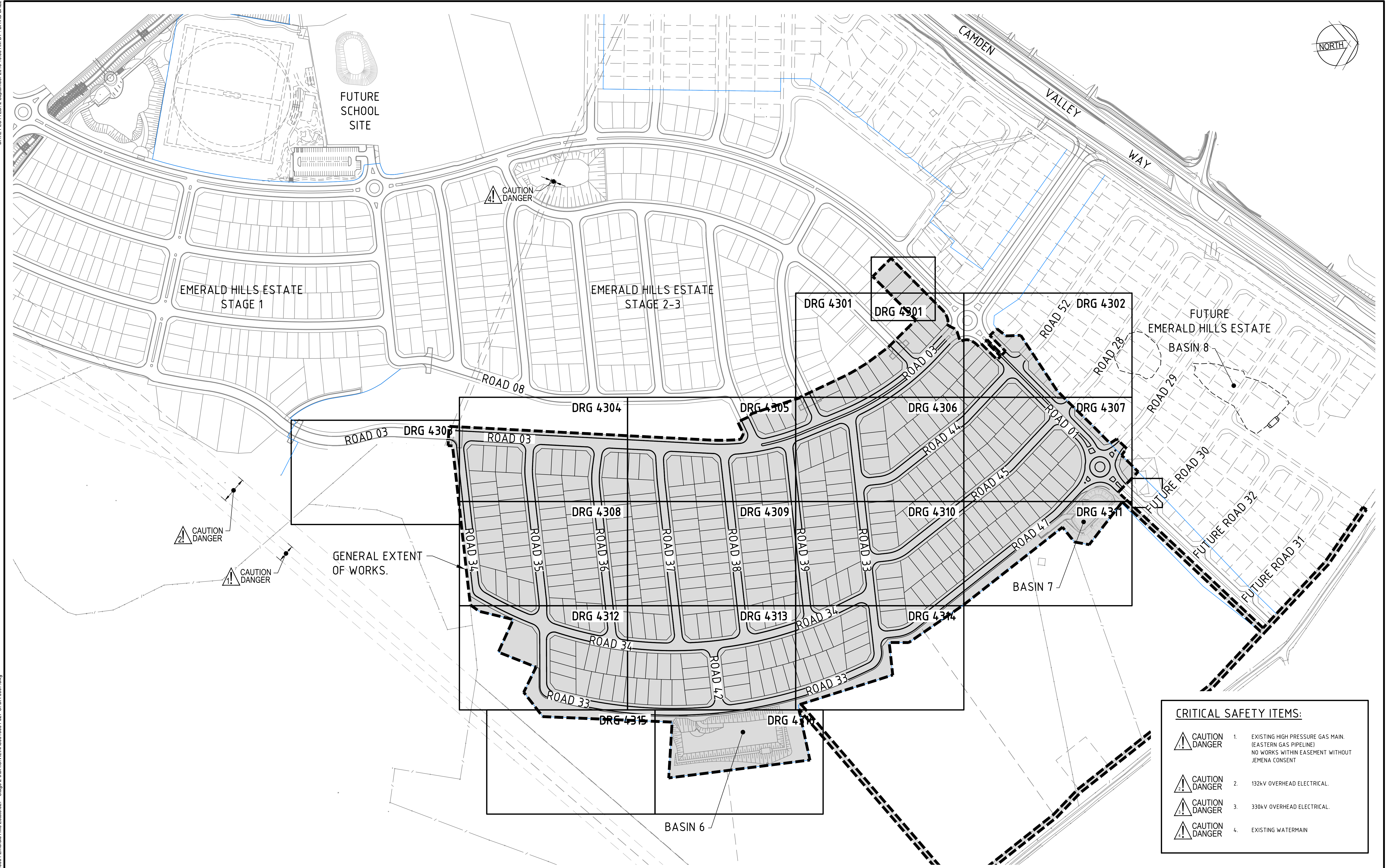
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Tel: 02 9496 7700 Fax: 02 9439 5170  
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 GENERAL ARRANGEMENT PLAN
Approved		
		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
Datum AHD		Scale 1:2000
Drawing Number NA50613004-027-CI-DA-0006		Size A1
		Revision 5



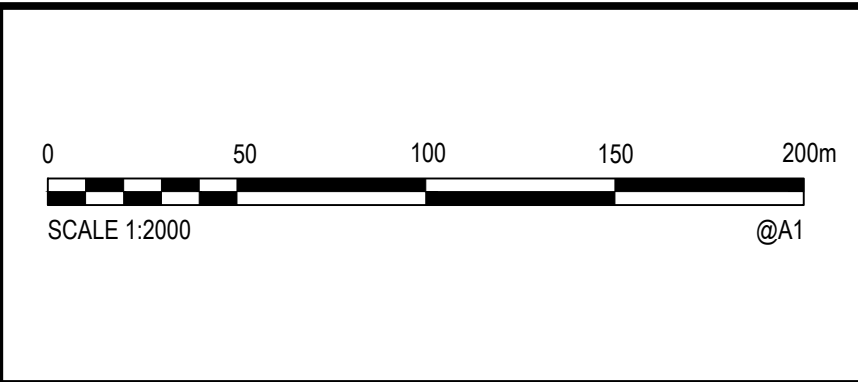
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CAD File: N:\Projects\5061\3\NA50613004 Emerald Hills Estate\027 - Stage 2-6\CI\CI\NA50613004-027-CI-DA-0007.dwg



CRITICAL SAFETY ITEMS:	
 CAUTION DANGER	1. EXISTING HIGH PRESSURE GAS MAIN. (EASTERN GAS PIPELINE) NO WORKS WITHIN EASEMENT WITHOUT JEMENA CONSENT
 CAUTION DANGER	2. 132kV OVERHEAD ELECTRICAL.
 CAUTION DANGER	3. 330kV OVERHEAD ELECTRICAL.
 CAUTION DANGER	4. EXISTING WATERMAIN

Rev.	Date	Description	Des.	Verif.	Appd.
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
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Drawn MF	Date 09/10/2014
Checked MKH	Date
Designed KW	Date 06/01/2015
Verified	Date
Approved	

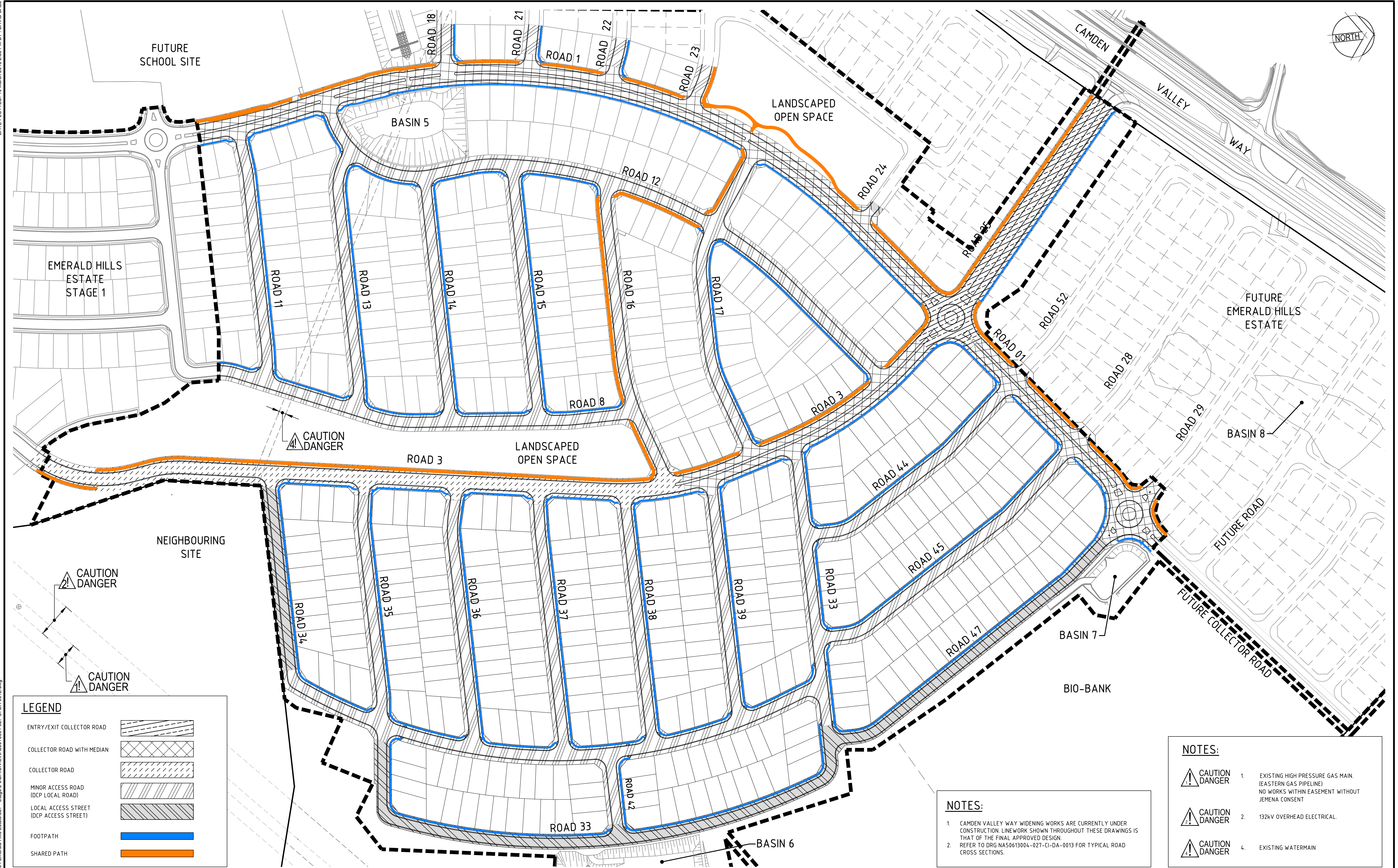
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Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Title	STAGE 4-6 GENERAL ARRANGEMENT PLAN

R DEVELOPMENTS			
Status			
FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum		Scale	Size
AHD			A1
Drawing Number			Revision
NA50613004-027-CI-DA-0007			4

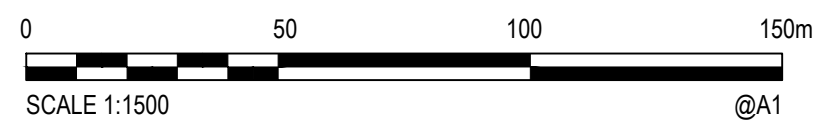


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Rev.	Date	Description	Des.	Verif.	Appd.
5	10/03/2016	FOOTPATHS AND SHARED PATHS ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
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1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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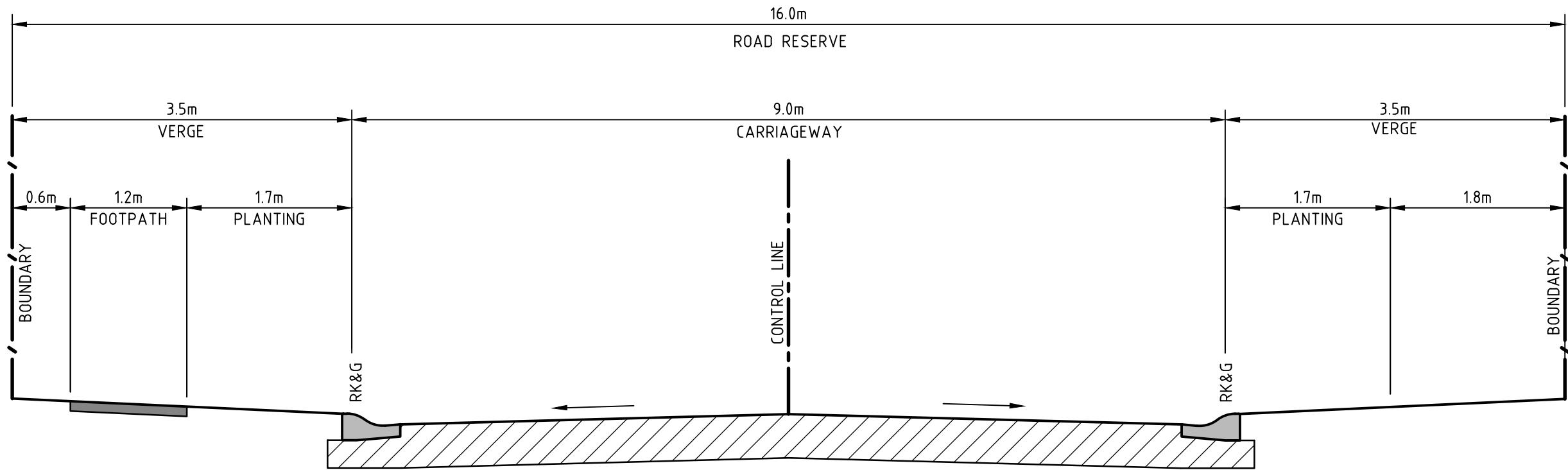
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-6 ROAD HIERARCHY PLAN
Approved		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale 1:1500
		Size A1
		Drawing Number NA50613004-027-CI-DA-0012
		Revision 5

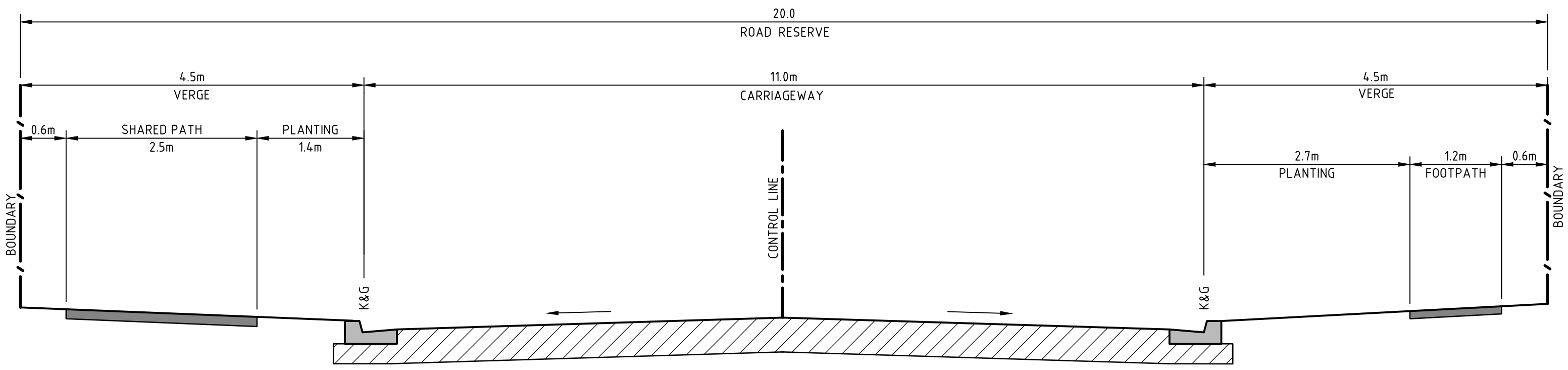


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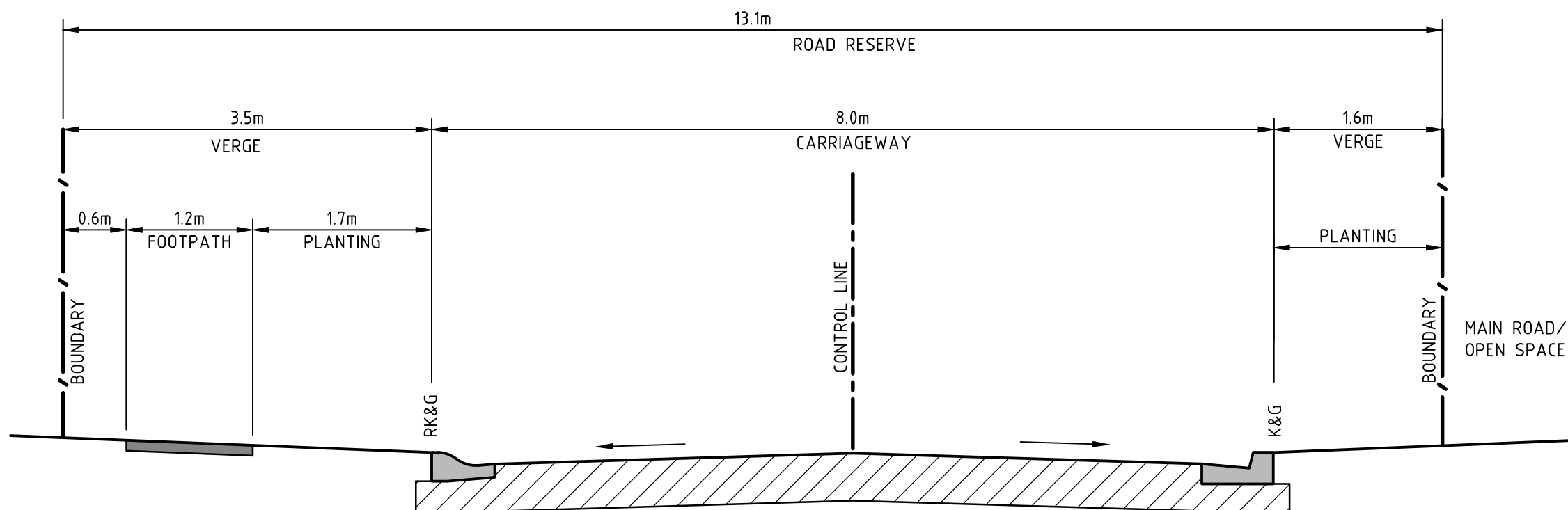
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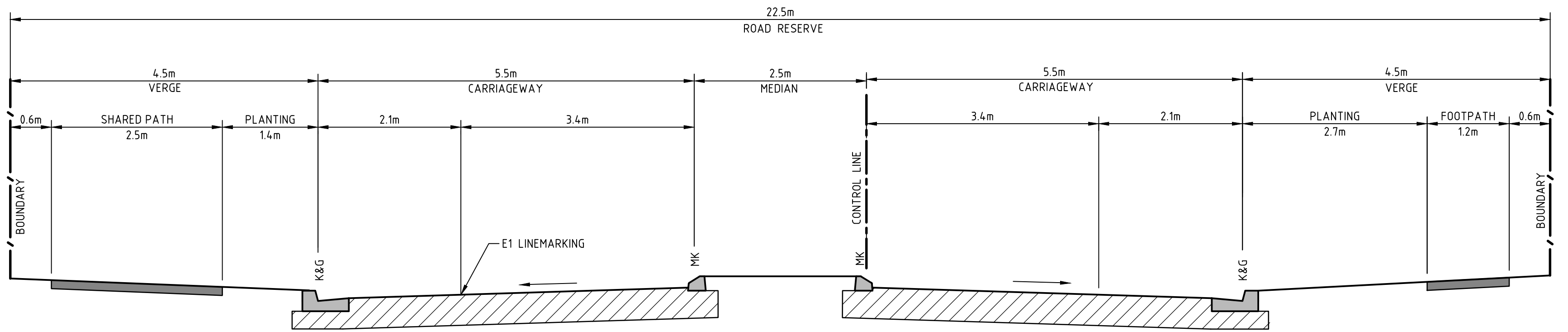
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(REFER TYPICAL SECTION ROAD 34 FOR CH17.63 TO CH172.455)  
(DCP LOCAL ROAD)  
SCALE 1:50



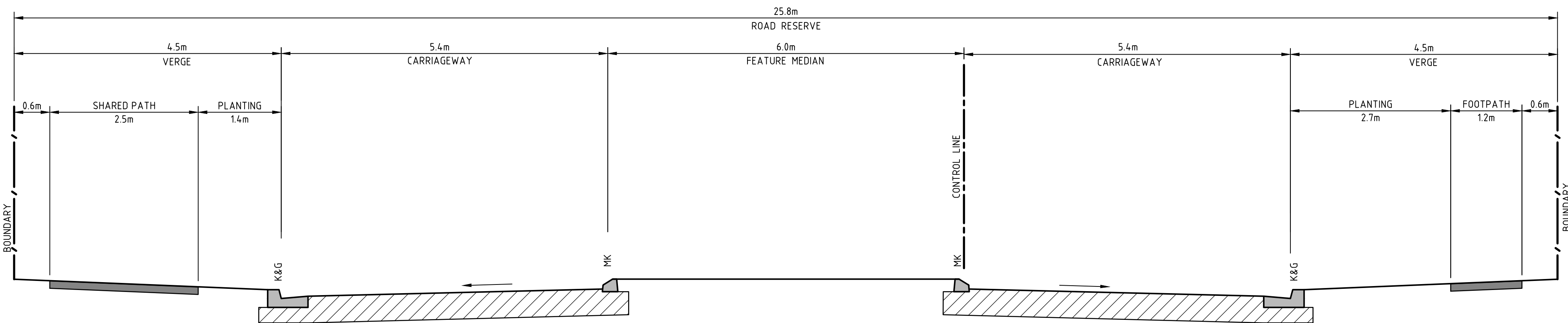
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SCALE 1:50



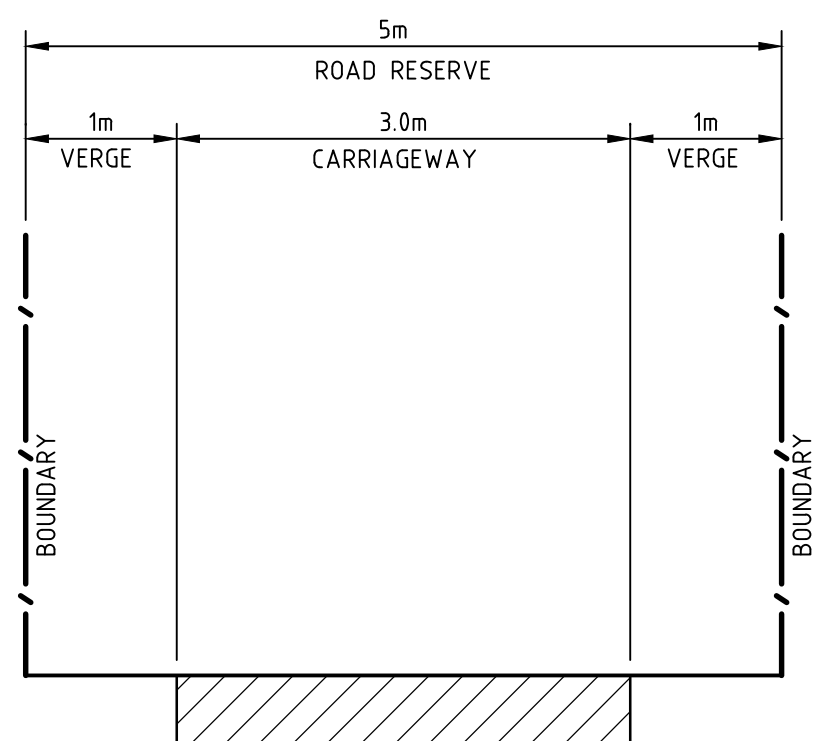
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(DCP ACCESS STREET)  
SCALE 1:50



**TYPICAL SECTION - COLLECTOR ROAD WITH MEDIAN**  
SCALE 1:50



**TYPICAL SECTION - ENTRY/EXIT COLLECTOR ROAD**  
SCALE 1:50



**TYPICAL SECTION - BATTLEAXE DRIVEWAY ACCESS**  
SCALE 1:50

Rev.	Date	Description	Des.	Verif.	Appd.
5	10/03/2016	FOOTPATHS ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		

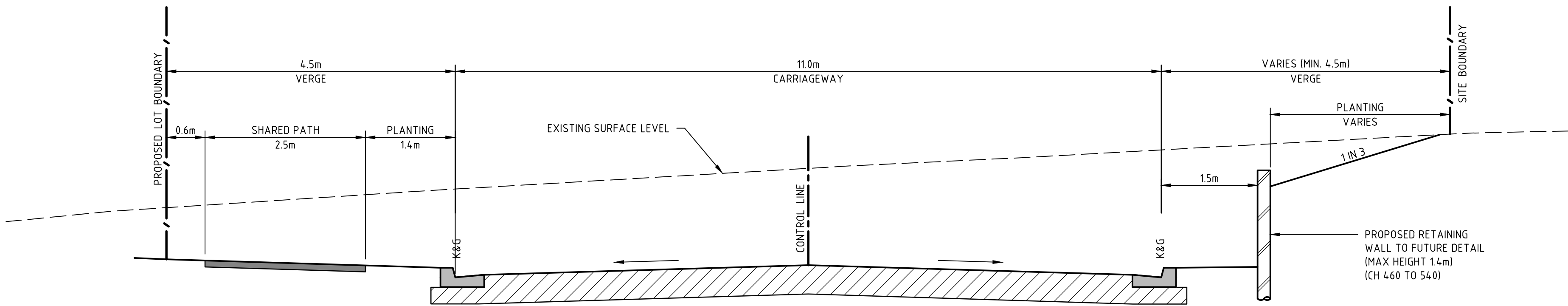


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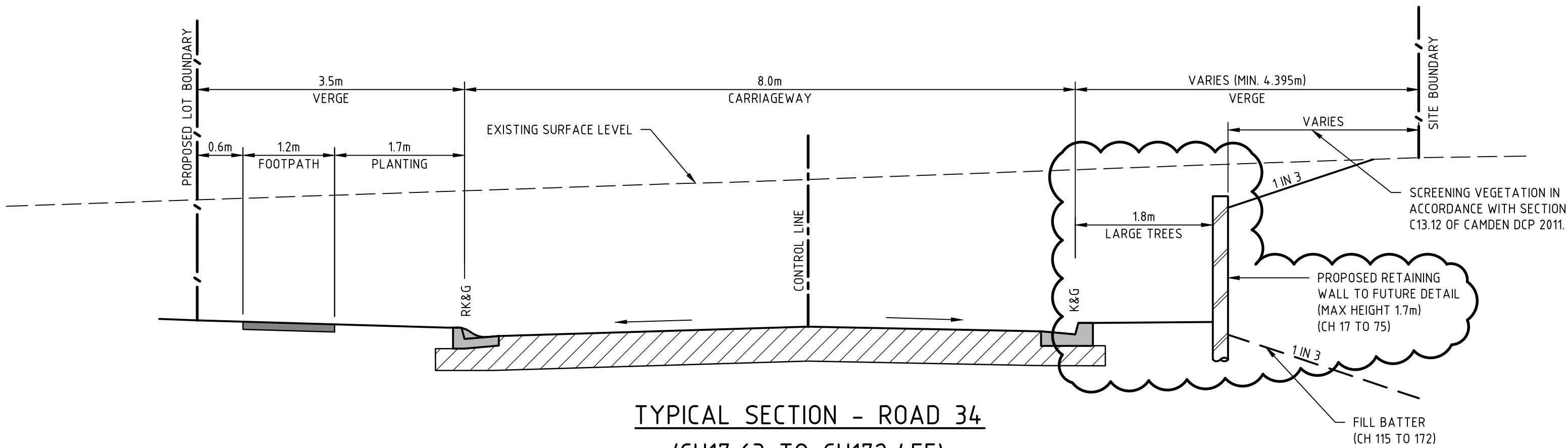


Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-6 TYPICAL ROAD CROSS SECTIONS SHEET 1 OF 2
Approved		Status <b>FOR APPROVAL</b>
		Datum AHD
		Scale
		Size A1
		Drawing Number NA50613004-027-CI-DA-0013
		Revision 5

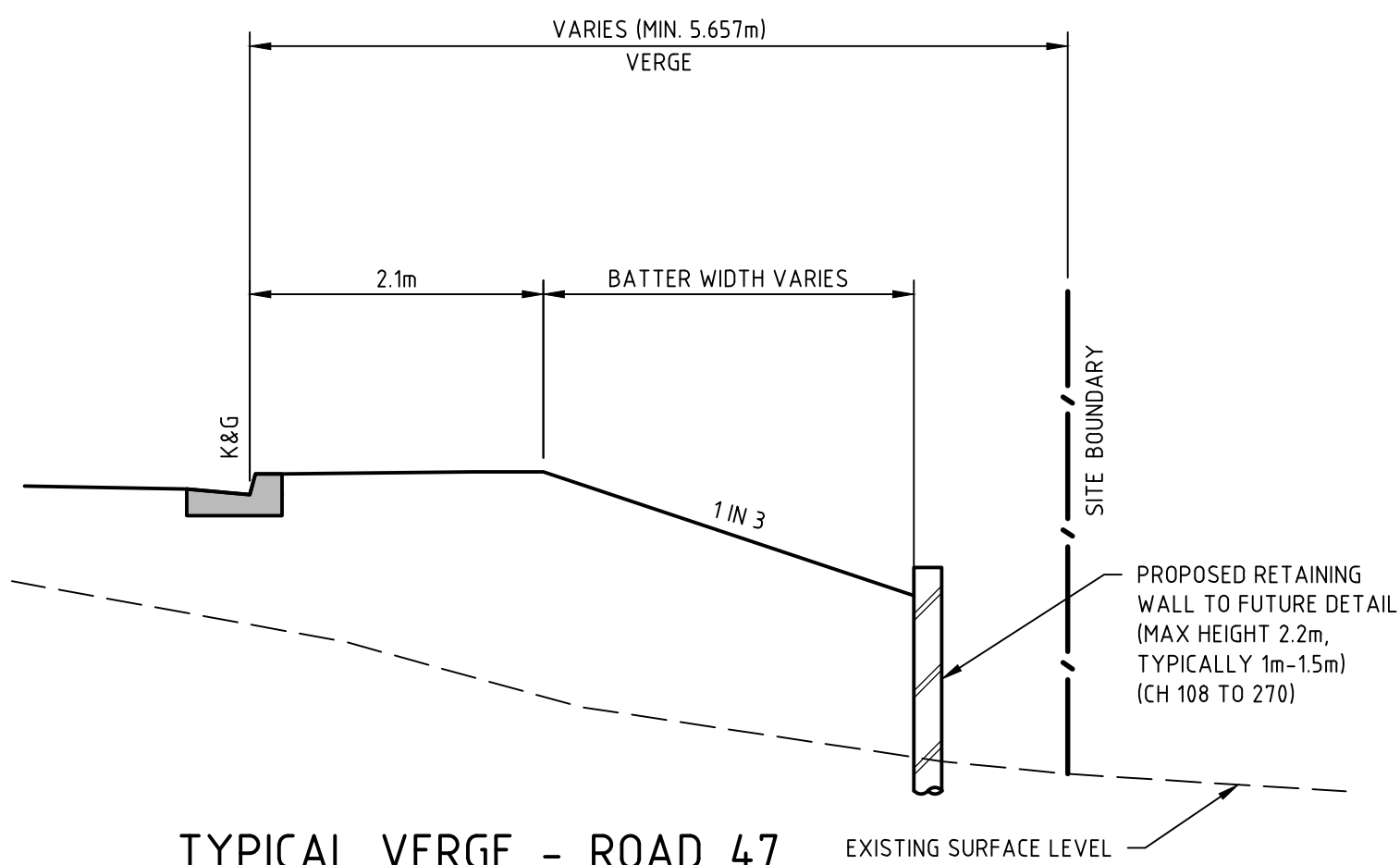




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SCALE 1:50

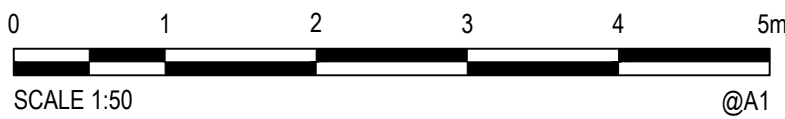


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(CH17.63 TO CH172.455)  
SCALE 1:50



TYPICAL VERGE - ROAD 47  
(CH90 TO CH316.972)  
SCALE 1:50

Rev.	Date	Description	Des.	Verif.	Appd.
4	10/03/2016	FOOTPATHS ADDED			
3	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION			
2	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION			
1	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION			

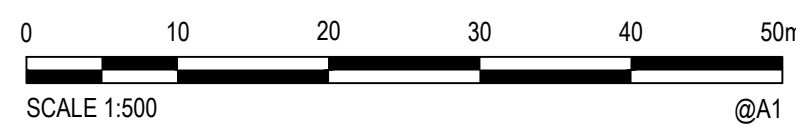


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Drawn ST	Date 27/05/2015	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	Stage STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-6 TYPICAL ROAD CROSS SECTIONS SHEET 2 OF 2
Approved		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale
		Size A1
		Drawing Number NA50613004-027-CI-DA-0014
		Revision 4



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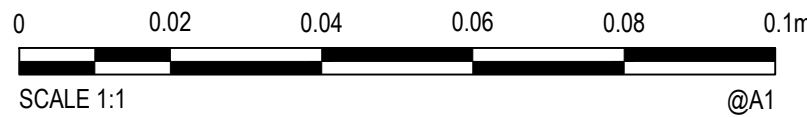
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St. Leonards, NSW 2065  
Tel: 02 9496 7700 Fax: 02 9439 5170  
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Drawn DB	Date 05/05/2016	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked	Date	Status <b>FOR INFORMATION ONLY</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Designed	Date	
Verified	Date	
Approved	Date	
Project EMERALD HILLS ESTATE STAGE 2-6		Datum AHD
Title RETAINING WALL PLAN		Scale 1:250
		Size A1
		Drawing Number NA50613004-029-SK-0019
		Revision 1



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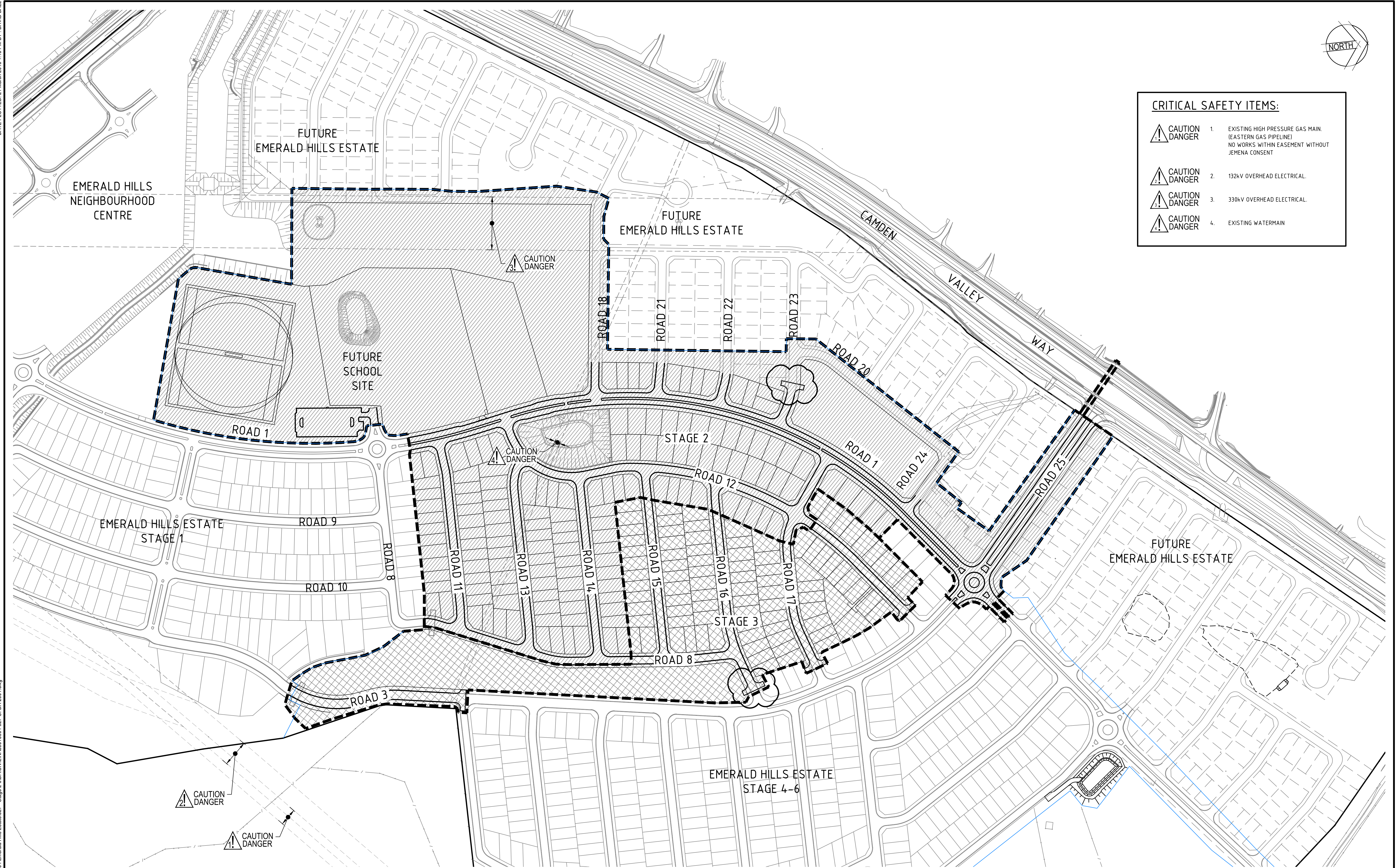
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Drawn DB	Date 05/05/2016	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS				
Checked	Date	Project EMERALD HILLS ESTATE STAGE 2-6	Status	FOR INFORMATION ONLY		
Designed	Date		NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Verified	Date		Datum	Scale	Size	
Approved		Title RETAINING WALL ELEVATIONS	AHD	1:100	A1	
			Drawing Number NA50613004-029-SK-0020		Revision 1	



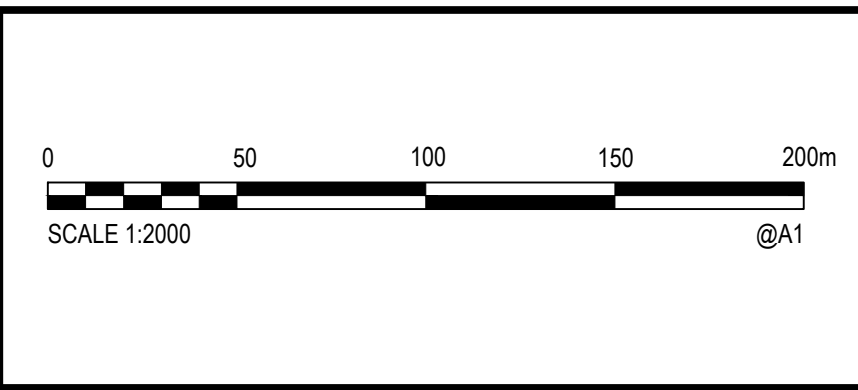
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CRITICAL SAFETY ITEMS:	
 CAUTION DANGER	1. EXISTING HIGH PRESSURE GAS MAIN. (EASTERN GAS PIPELINE) NO WORKS WITHIN EASEMENT WITHOUT JEMENA CONSENT
 CAUTION DANGER	2. 132kV OVERHEAD ELECTRICAL.
 CAUTION DANGER	3. 330kV OVERHEAD ELECTRICAL.
 CAUTION DANGER	4. EXISTING WATERMAIN

Rev.	Date	Description	Des.	Verif.	Appd.
5	21/03/2016	ROADS 16 AND 23 TURNING HEADS ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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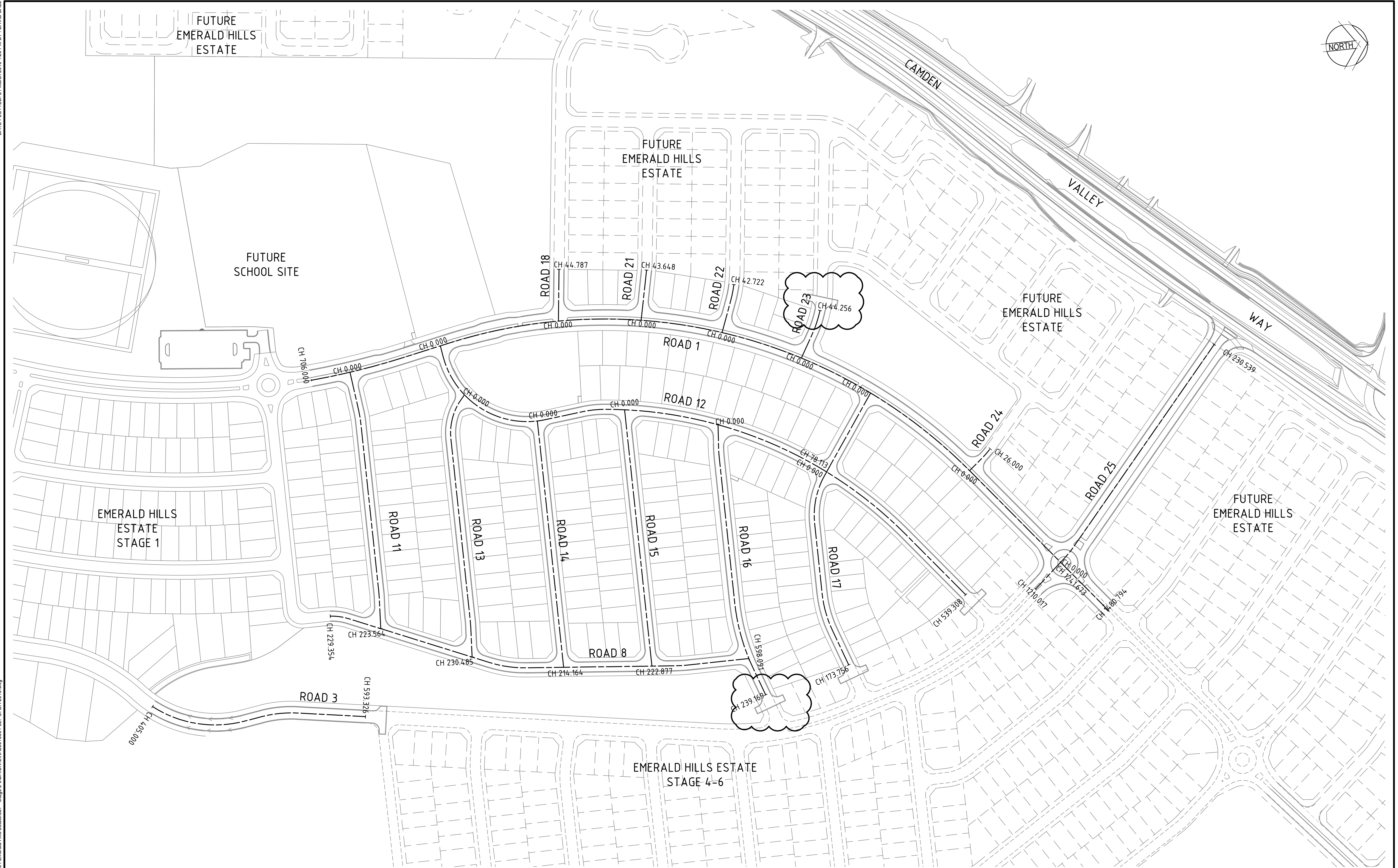


Drawn JB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	Project STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Project STAGE 2-3 STAGING PLAN
Approved	Date	Project STAGE 2-3 STAGING PLAN
		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale 1:2000
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		Revision 5

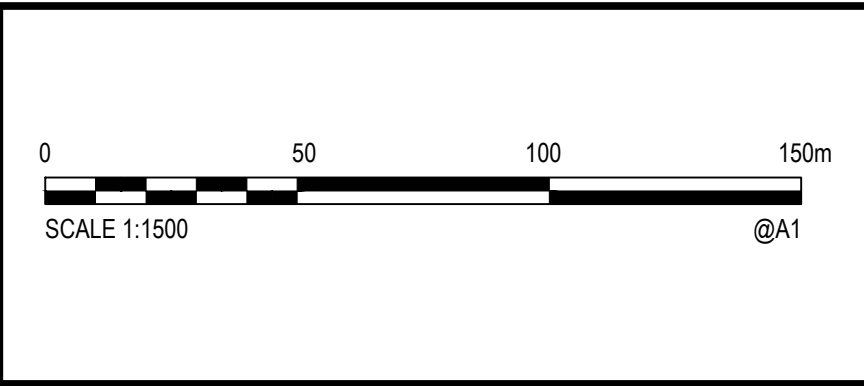


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Rev.	Date	Description	Des.	Verif.	Appd.
5	21/03/2016	ROADS 16 AND 23 TURNING HEADS ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



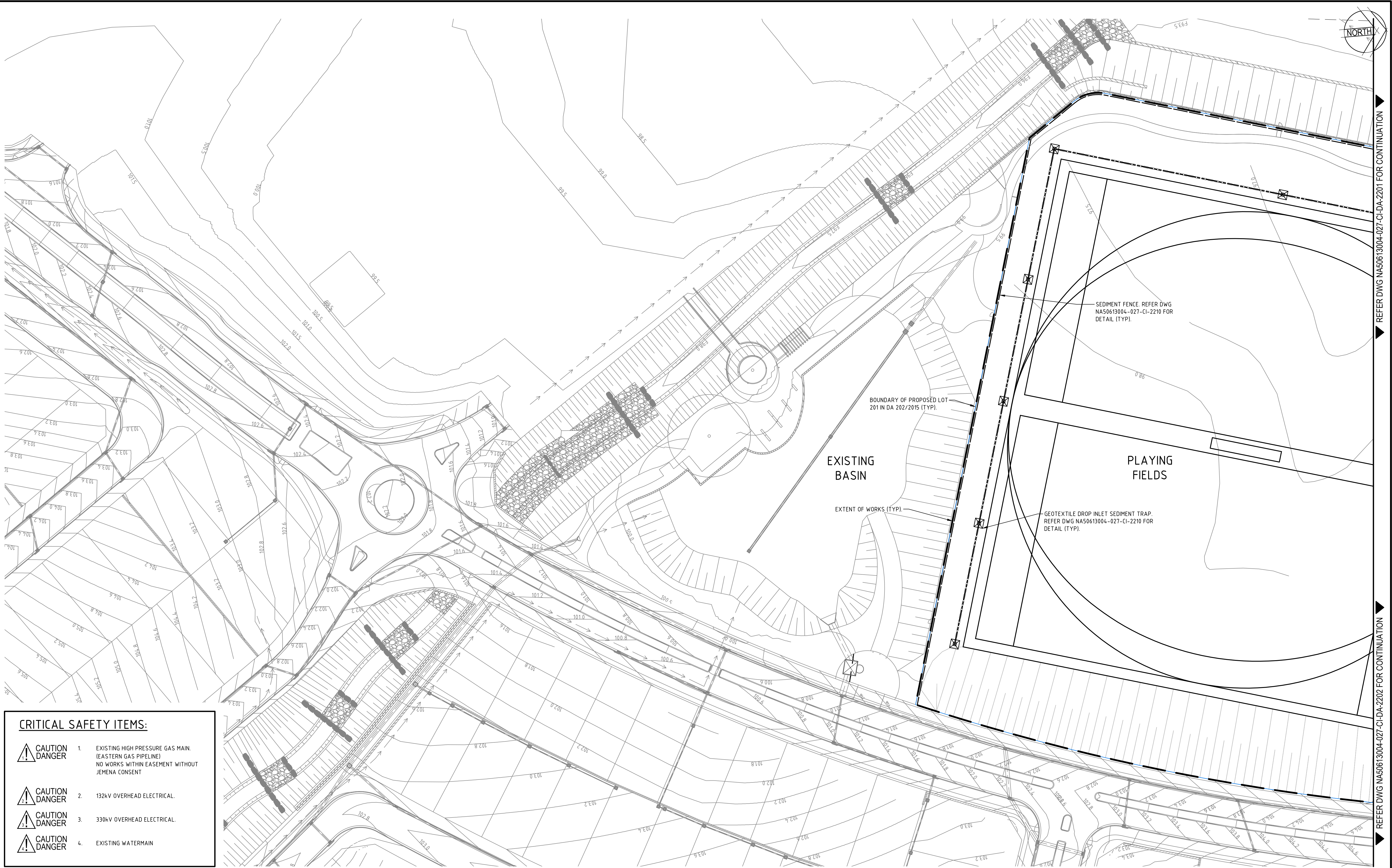
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 ALIGNMENT CONTROL PLAN
Approved		Status <b>FOR APPROVAL</b>
		Datum AHD
		Scale 1:2000
		Size A1
		Drawing Number NA50613004-027-CI-DA-2010
		Revision 5

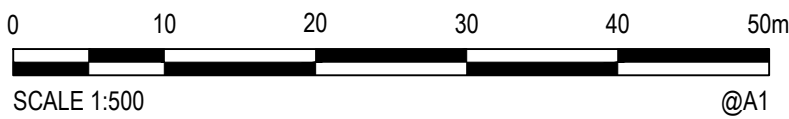




CRITICAL SAFETY ITEMS:

-  CAUTION DANGER
-  CAUTION DANGER
-  CAUTION DANGER
-  CAUTION DANGER
1. EXISTING HIGH PRESSURE GAS MAIN (EASTERN GAS PIPELINE) NO WORKS WITHIN EASEMENT WITHOUT JEMENA CONSENT
2. 132kV OVERHEAD ELECTRICAL.
3. 330kV OVERHEAD ELECTRICAL.
4. EXISTING WATERMAIN

Rev.	Date	Description	Des.	Verif.	Appd.
2	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION			CP
1	20/07/2015	ISSUE FOR DEVELOPMENT APPLICATION			CP



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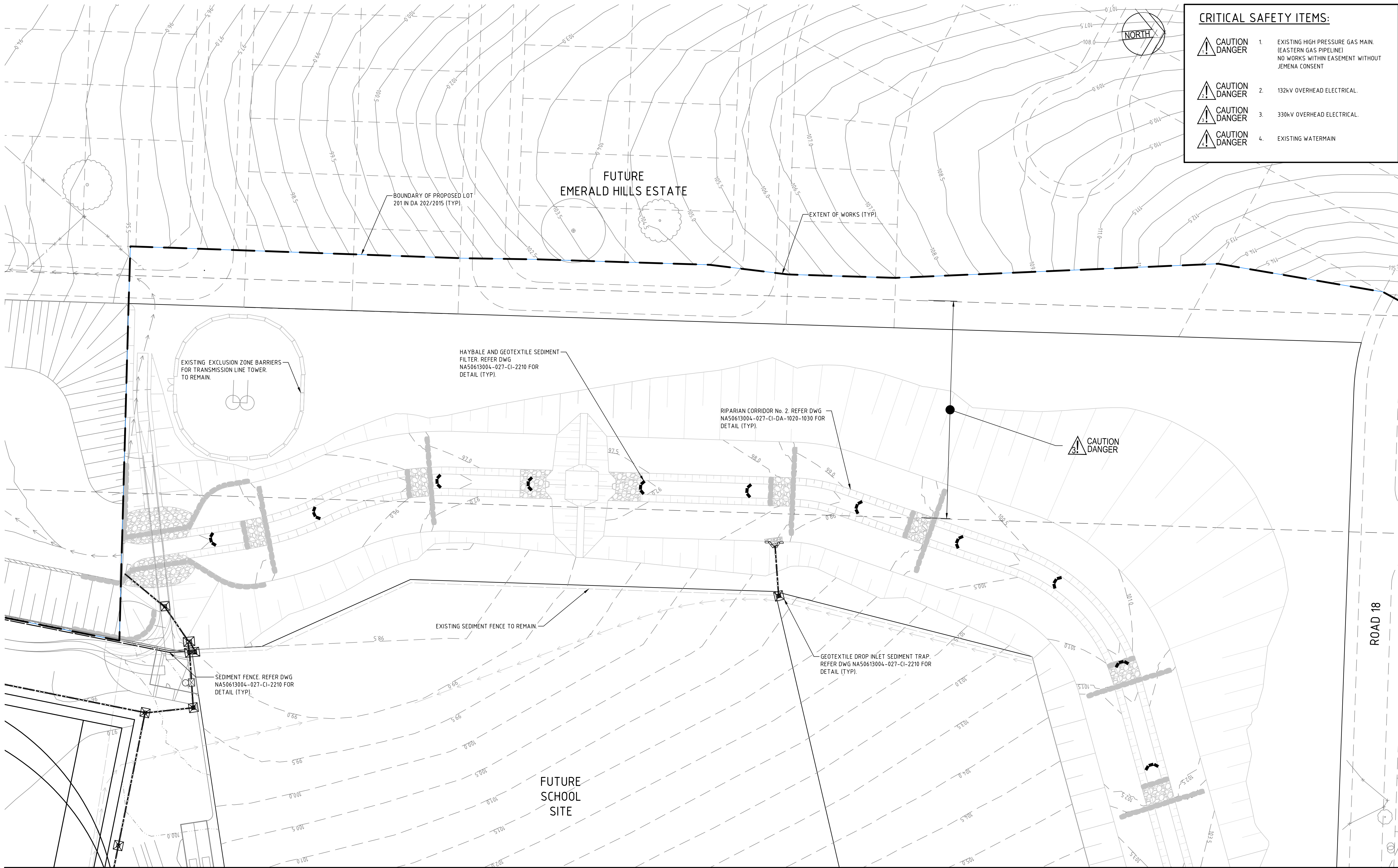
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Web: [www.cardno.com.au](http://www.cardno.com.au)

Drawn MV	Date 03/07/2015	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Designed CP	Date 03/07/2015	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Verified	Date	Datum AHD
Approved	Date	Scale 1:500
		Title STAGE 2-3 SPORTS FIELD SEDIMENT AND EROSION CONTROL PLAN
		Drawing Number NA50613004-027-CI-DA-2150
		Size A1
		Revision 2



DATE PLOTTED: 2 September 2015 11:48 AM BY: DAVID BALL

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**CRITICAL SAFETY ITEMS:**

CAUTION DANGER	1. EXISTING HIGH PRESSURE GAS MAIN. (EASTERN GAS PIPELINE) NO WORKS WITHIN EASEMENT WITHOUT JEMENA CONSENT
CAUTION DANGER	2. 132kV OVERHEAD ELECTRICAL.
CAUTION DANGER	3. 330kV OVERHEAD ELECTRICAL.
CAUTION DANGER	4. EXISTING WATERMAIN

REFER DWG NA50613004-027-CI-DA-2202 FOR CONTINUATION

Rev.	Date	Description	Des.	Verif.	Appd.
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 SEDIMENT AND EROSION CONTROL PLAN SHEET 1 OF 6
Approved		Status <b>FOR APPROVAL</b>
		Datum AHD
		Scale 1:500
		Size A1
		Drawing Number NA50613004-027-CI-DA-2201
		Revision 4

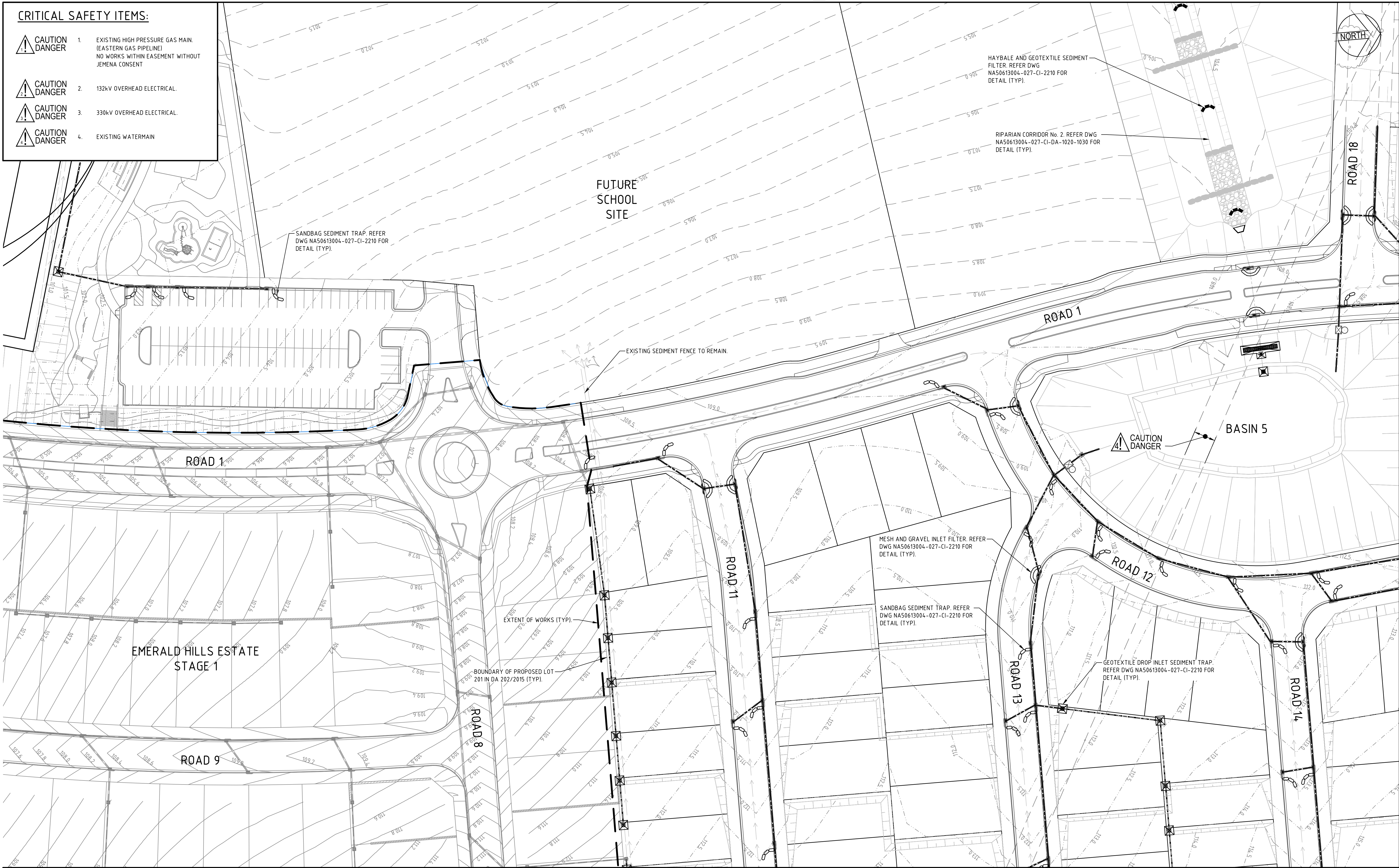


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REFER DWG NA50613004-027-CI-DA-2201 FOR CONTINUATION

CRITICAL SAFETY ITEMS:

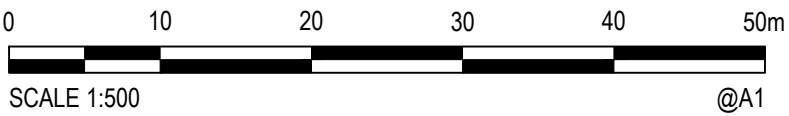
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- **CAUTION DANGER**
- **CAUTION DANGER**
- **CAUTION DANGER**
1. EXISTING HIGH PRESSURE GAS MAIN.  
(EASTERN GAS PIPELINE)  
NO WORKS WITHIN EASEMENT WITHOUT  
JEMENA CONSENT
2. 132kV OVERHEAD ELECTRICAL.
3. 330kV OVERHEAD ELECTRICAL.
4. EXISTING WATERMAIN



REFER DWG NA50613004-027-CI-DA-2203 FOR CONTINUATION

REFER DWG NA50613004-027-CI-DA-2204 FOR CONTINUATION

Rev.	Date	Description	Des.	Verif.	Appd.
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Status <b>FOR APPROVAL</b>
Approved		Datum AHD
		Scale 1:500
		Size A1
		Drawing Number NA50613004-027-CI-DA-2202
		Revision 4
		Title STAGE 2-3 SEDIMENT AND EROSION CONTROL PLAN SHEET 2 OF 6





REFER DWG NA50613004-027-CI-DA-2205 FOR CONTINUATION

Rev.	Date	Description	Des.	Verif.	Appd.
5	21/03/2016	ROAD 23 TURNING HEAD ADDED	CP		
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



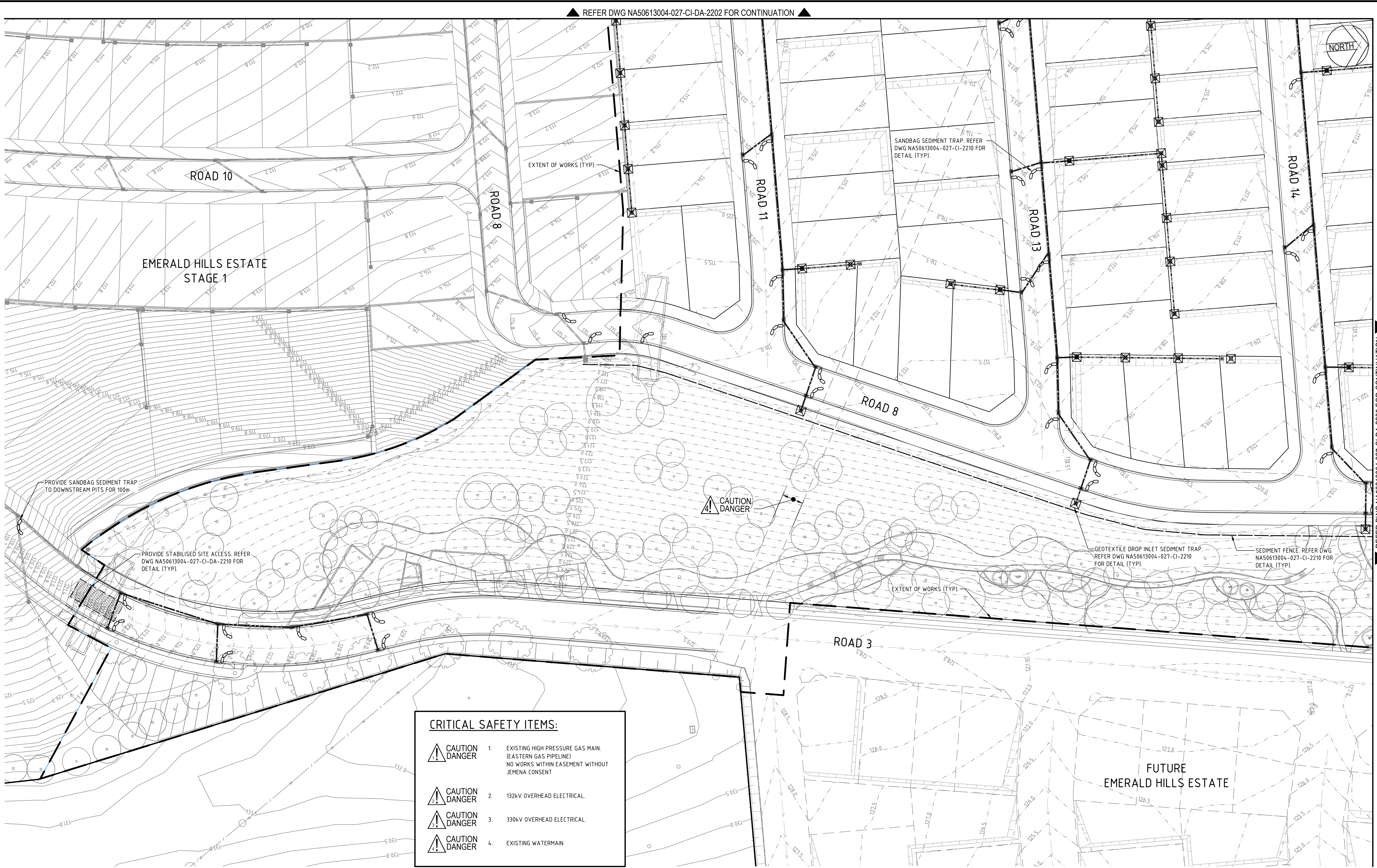
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved	Date	Datum AHD
		Scale 1:500
		Size A1
		Drawing Number NA50613004-027-CI-DA-2203
		Revision 5
		Title STAGE 2-3 SEDIMENT AND EROSION CONTROL PLAN SHEET 3 OF 6





**CRITICAL SAFETY ITEMS:**



1. EXISTING HIGH PRESSURE GAS MAIN.  
(EASTERN GAS PIPELINE)  
NO WORKS WITHIN EASEMENT WITHOUT  
JEMENA CONSENT



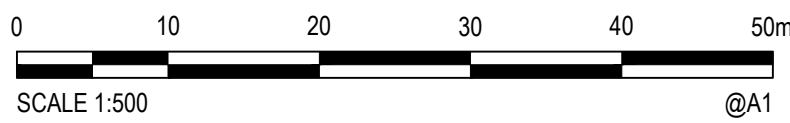
2. 132kV OVERHEAD ELECTRICAL.



3. 330kV OVERHEAD ELECTRICAL.



4. EXISTING WATERMAIN



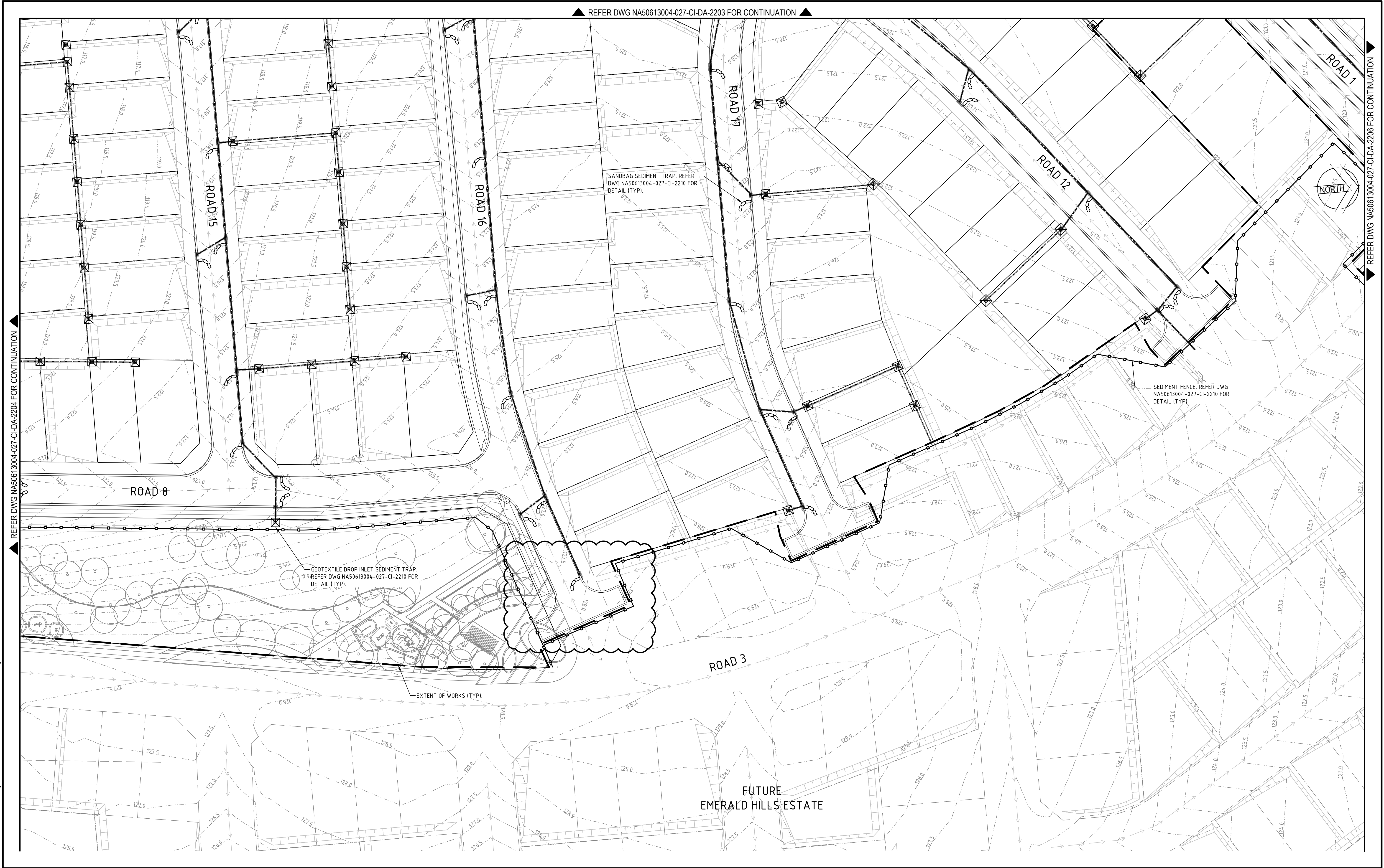
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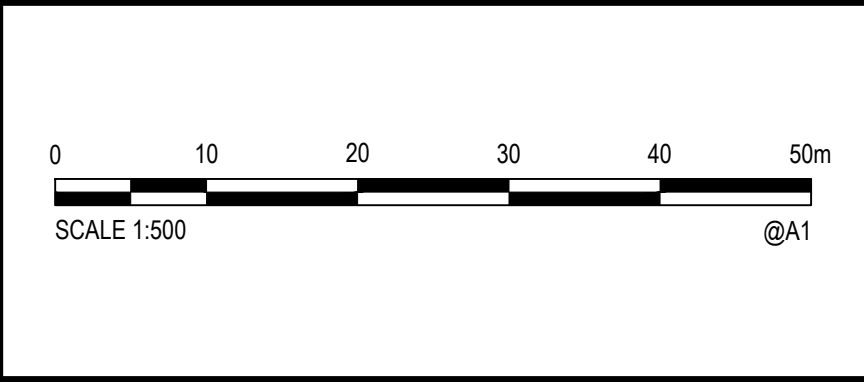
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved	Date	Datum AHD
		Scale 1:500
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		Drawing Number NA50613004-027-CI-DA-2204
		Revision 4

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2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		





Rev.	Date	Description	Des.	Verif.	Appd.
5	21/03/2016	ROAD 16 TURNING HEAD ADDED			CP
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION			CP
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION			CP
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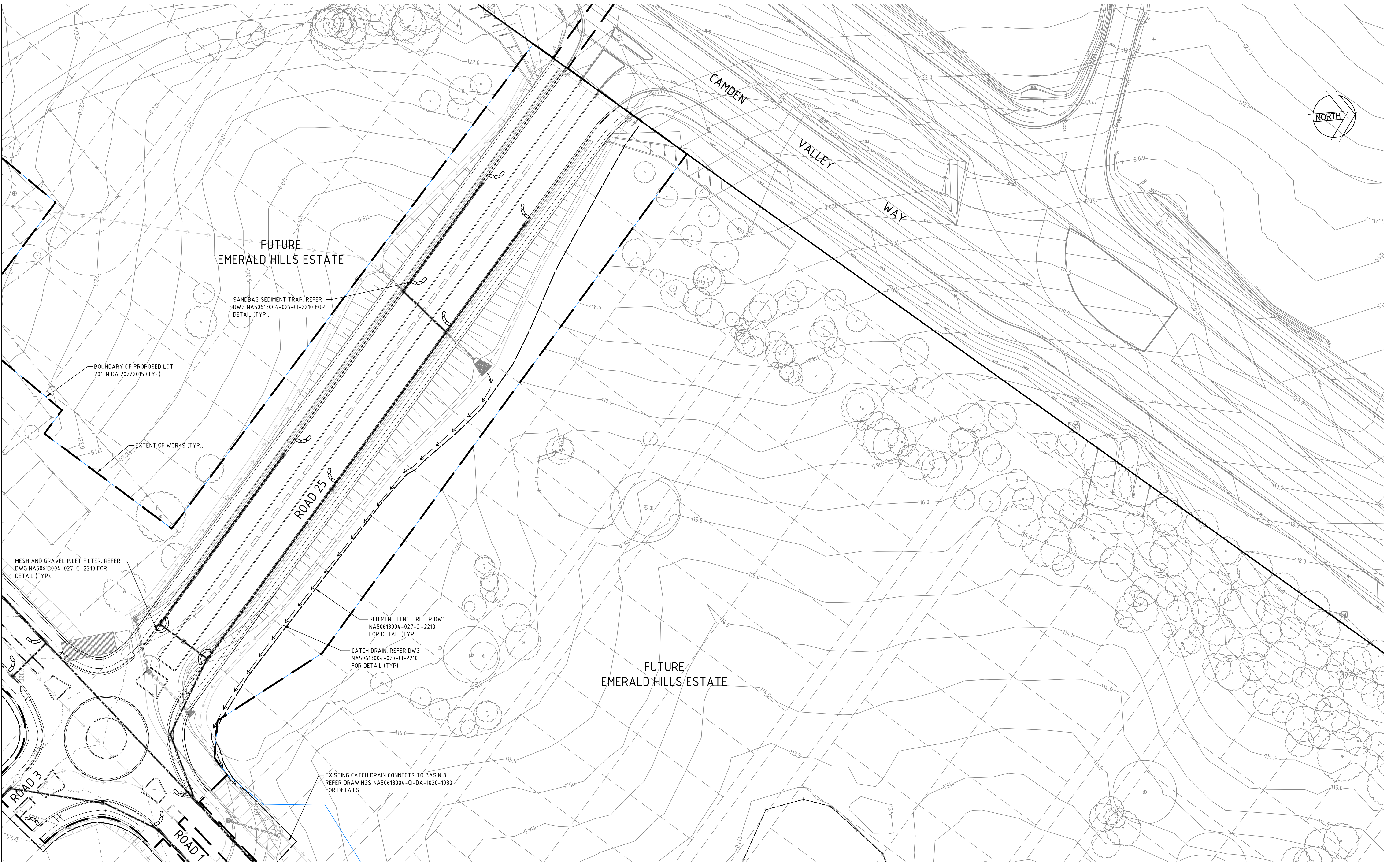
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 SEDIMENT AND EROSION CONTROL PLAN SHEET 5 OF 6
Approved		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale 1:500
		Size A1
		Drawing Number NA50613004-027-CI-DA-2205
		Revision 5

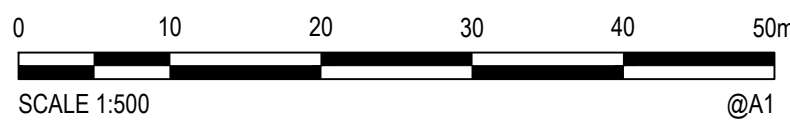


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REFER DWG NA50613004-027-CI-DA-2205 FOR CONTINUATION



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4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
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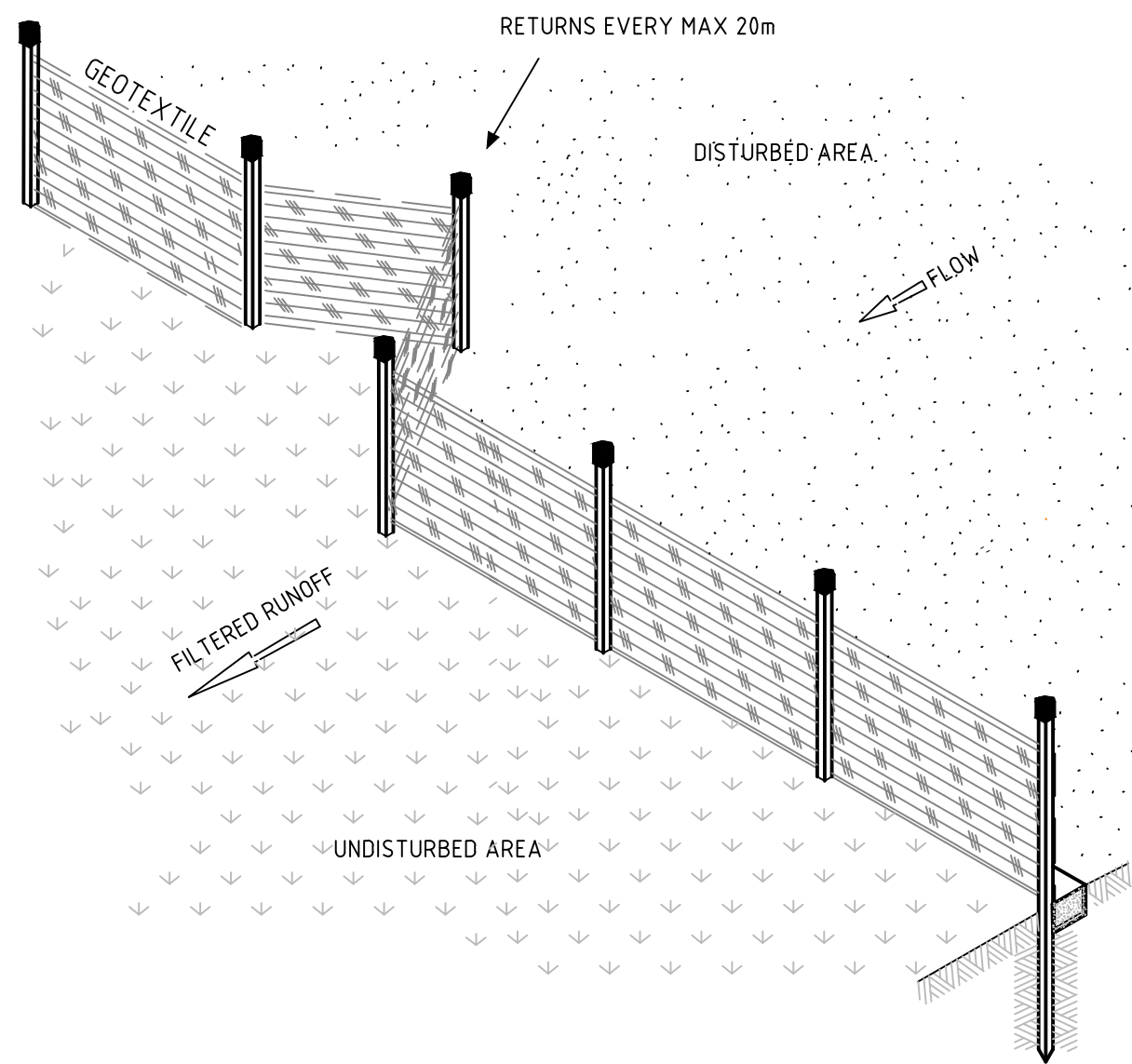
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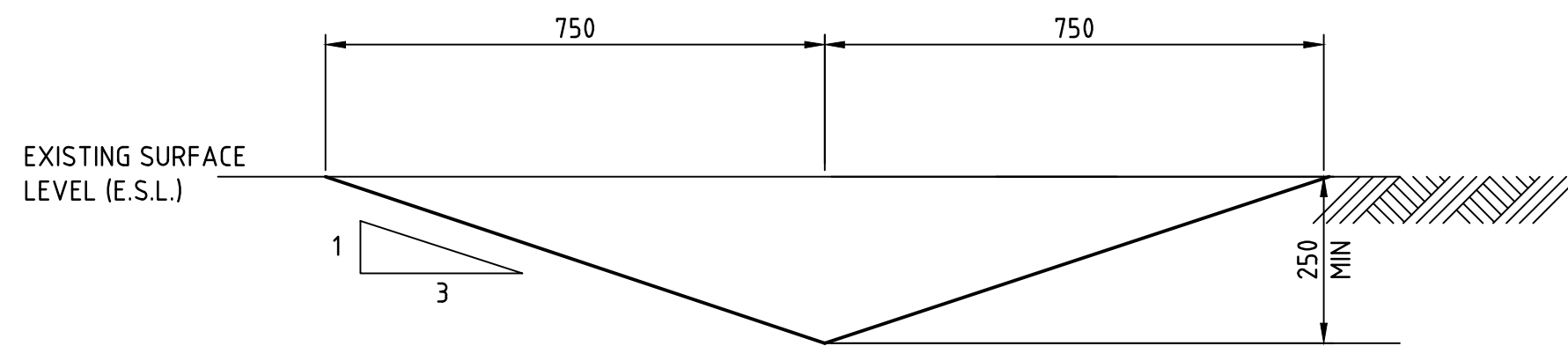
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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Designed CP	Date 06/01/2015	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Verified	Date	Datum AHD
Approved	Date	Scale 1:500
		Title STAGE 2-3 SEDIMENT AND EROSION CONTROL PLAN SHEET 6 OF 6
		Drawing Number NA50613004-027-CI-DA-2206
		Revision 4



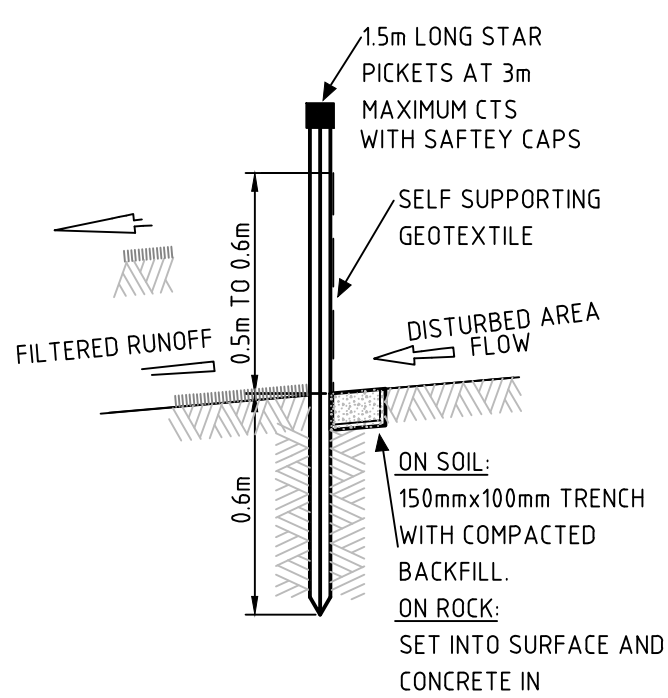
DATE PLOTTED: 2 September 2015 10:40 AM BY: DAVID BALL



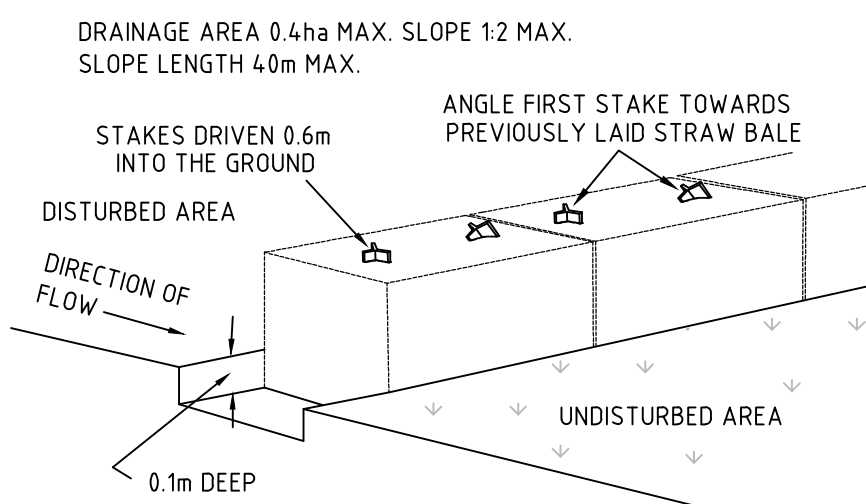
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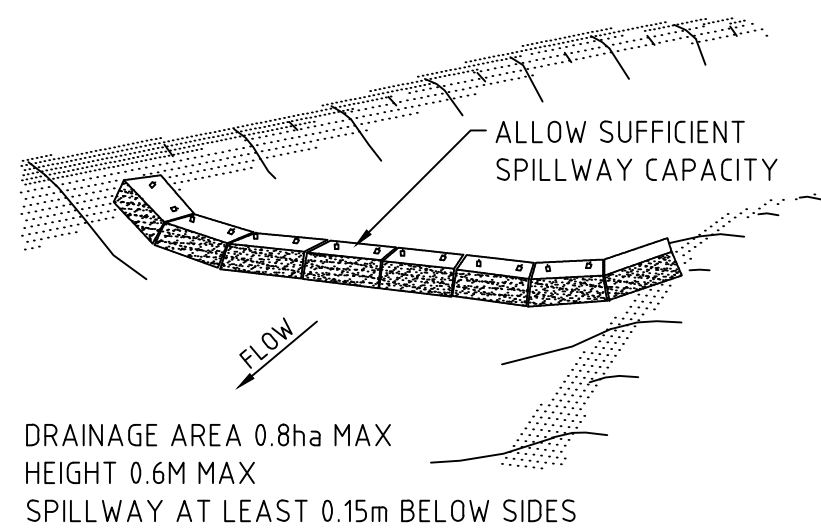
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(MIN FALL 1%)  
SCALE 1:10



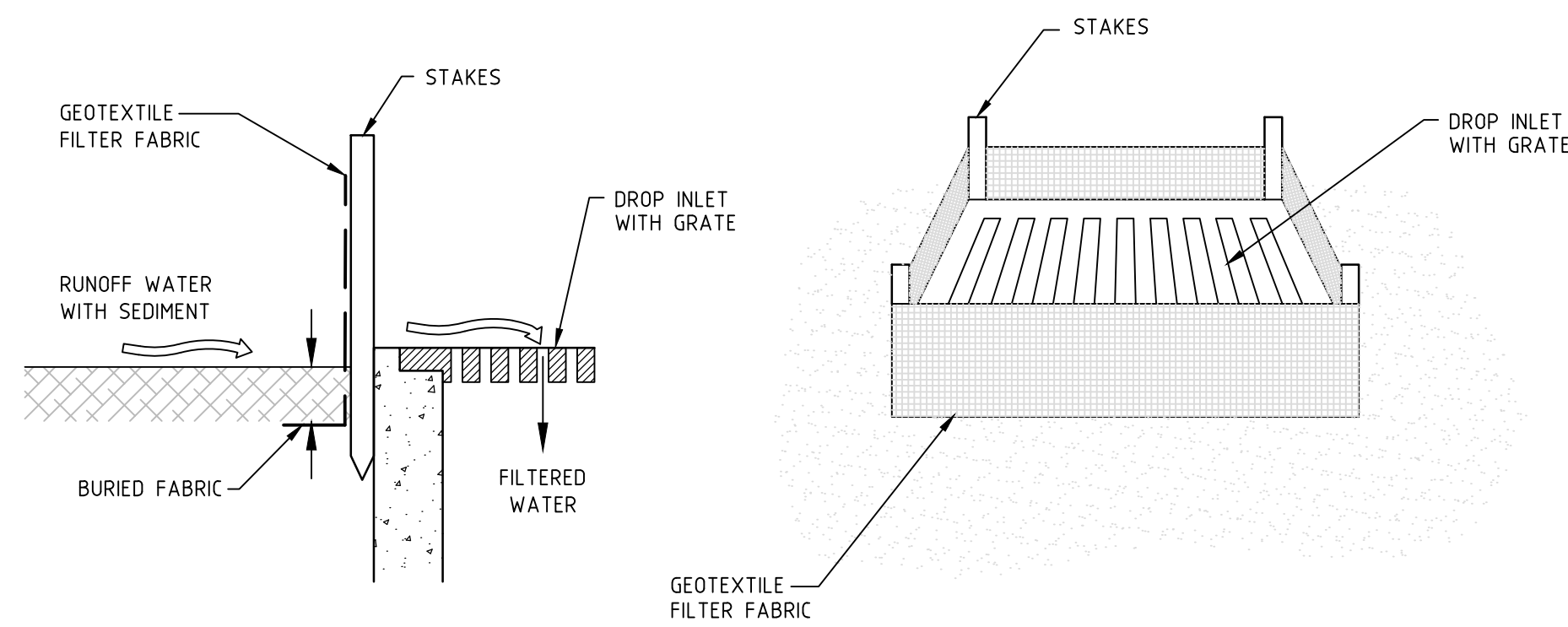
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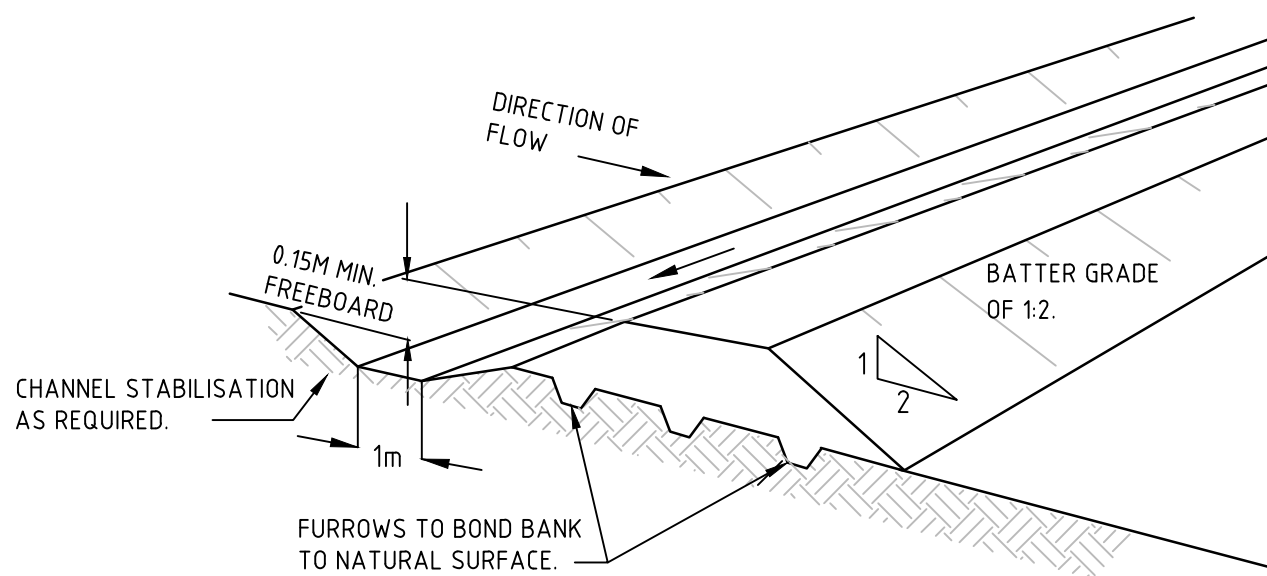
**STRAW BALE SEDIMENT FILTER**  
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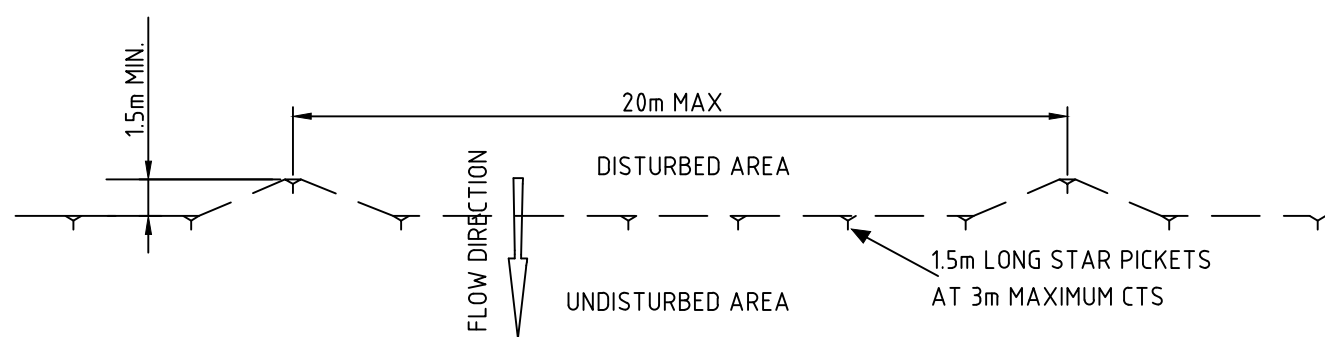
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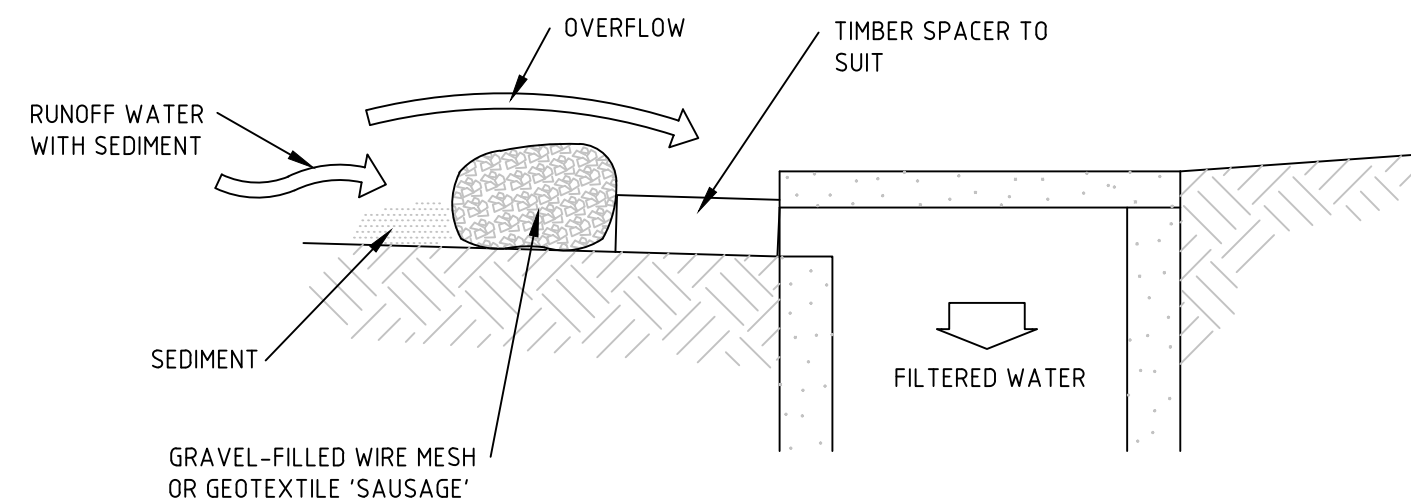
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DROP INLET SEDIMENT TRAP**  
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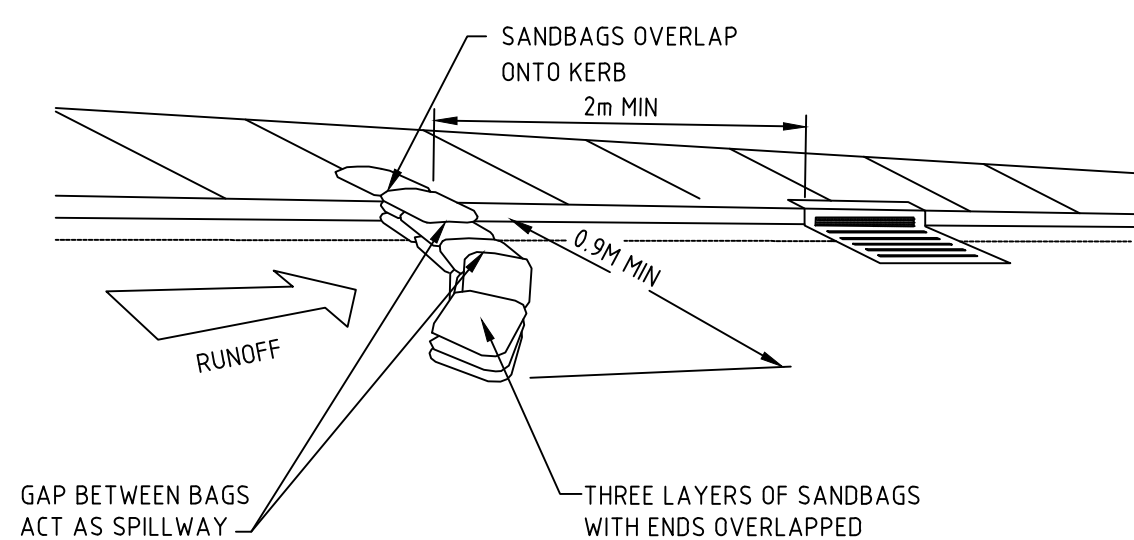
**DIVERSION BANK AND CHANNEL**  
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**SEDIMENT FENCE PLAN**  
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**MESH AND GRAVEL INLET FILTER**  
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**SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE**  
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3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION			CP
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION			CP
1	13/03/2015	ISSUED FOR CLIENT REVIEW			CP

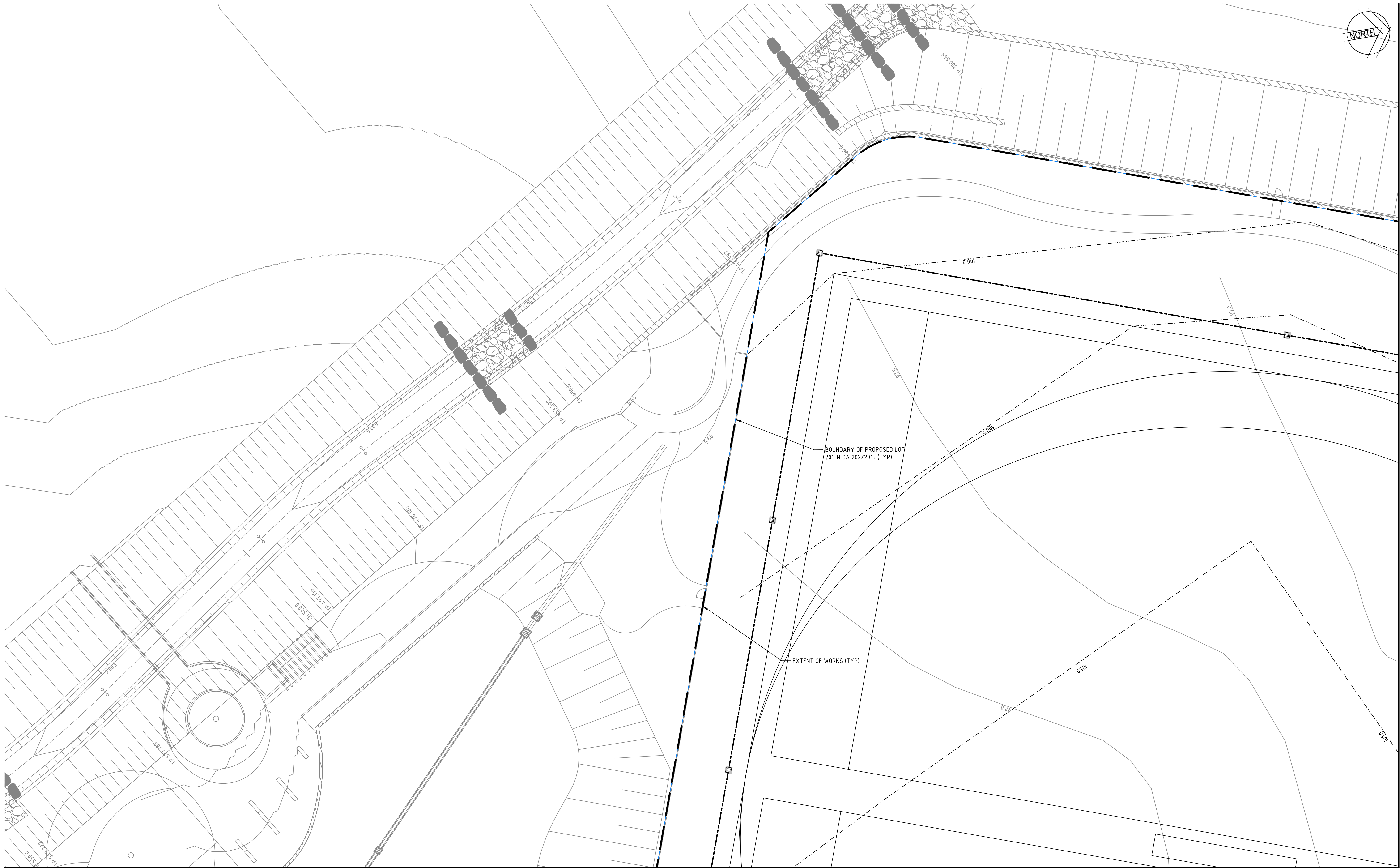


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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS
Verified	Date	DEVELOPMENT APPLICATION
Approved		Title STAGE 2-3
		SEDIMENT AND EROSION DETAILS
		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale AS SHOWN
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		Drawing Number NA50613004-027-CI-DA-2210
		Revision 4



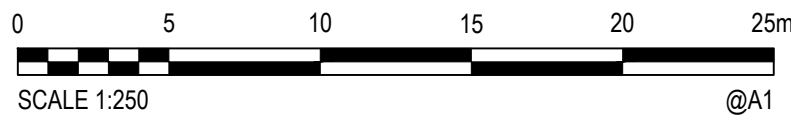


REFER DRG NA50613004-027-CI-DA-2251 FOR CONTINUATION

REFER DRG NA50613004-027-CI-DA-2301 FOR CONTINUATION

REFER DRG NA50613004-027-CI-DA-2252 FOR CONTINUATION

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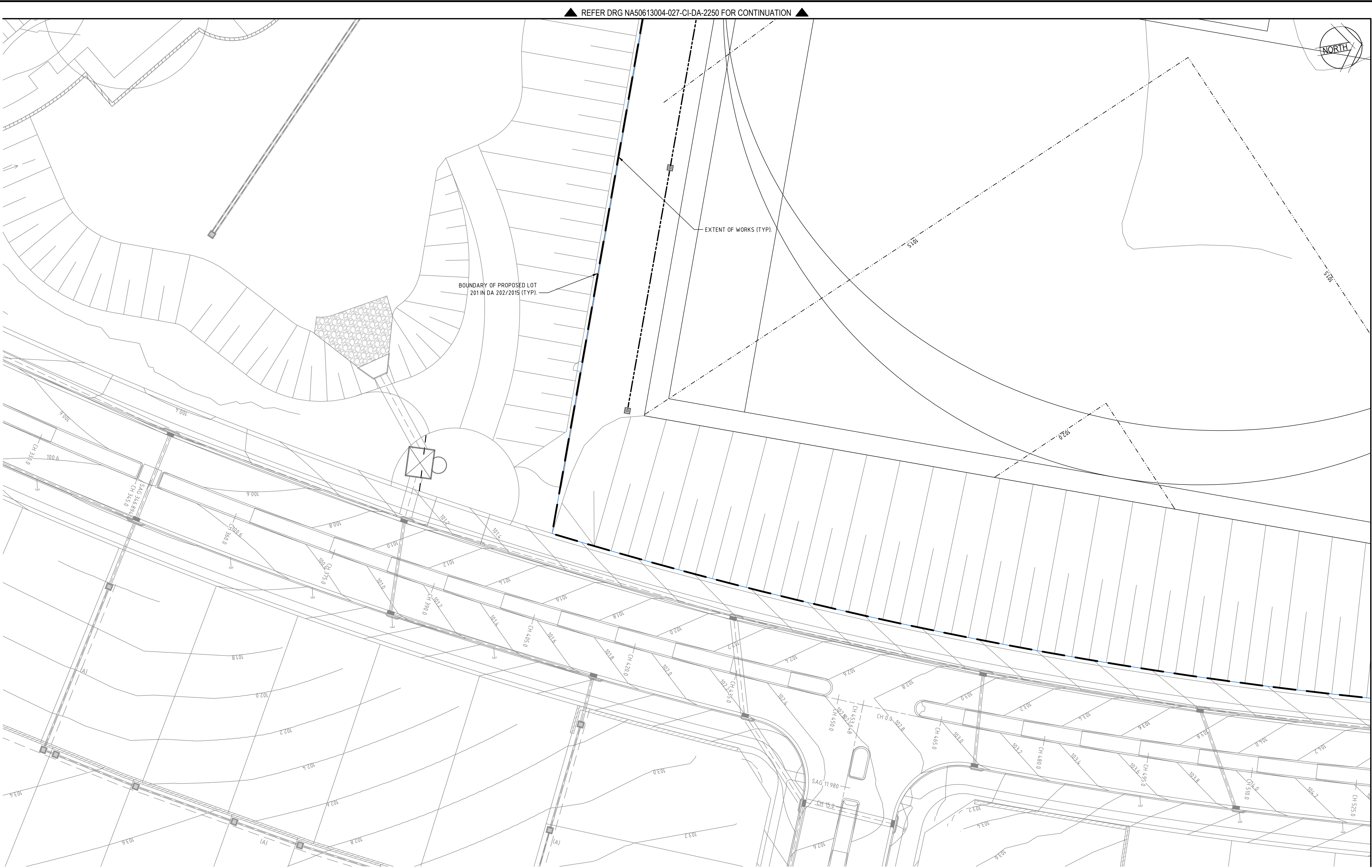
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Drawn MV 03/07/2015	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Project EMERALD HILLS ESTATE
Designed CP 03/07/2015	Title DEVELOPMENT APPLICATION
Verified	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved	Datum AHD
	Scale 1:250
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	Drawing Number NA50613004-027-CI-DA-2250
	Revision 2
	Project EMERALD HILLS ESTATE
	Title STAGE 2-3 SPORTS FIELD SITWORKS PLAN SHEET 1 OF 3



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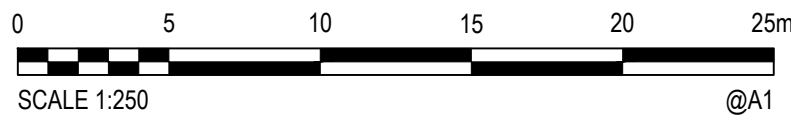


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REFER DRG NA50613004-027-CI-DA-2306 FOR CONTINUATION

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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 03/07/2015	Title DEVELOPMENT APPLICATION STAGE 2-3 SPORTS FIELD SITESWORKS PLAN SHEET 2 OF 3
Verified	Date	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved		Datum AHD
		Scale 1:250
		Size A1
		Drawing Number NA50613004-027-CI-DA-2251
		Revision 2



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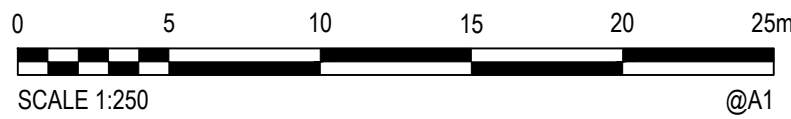
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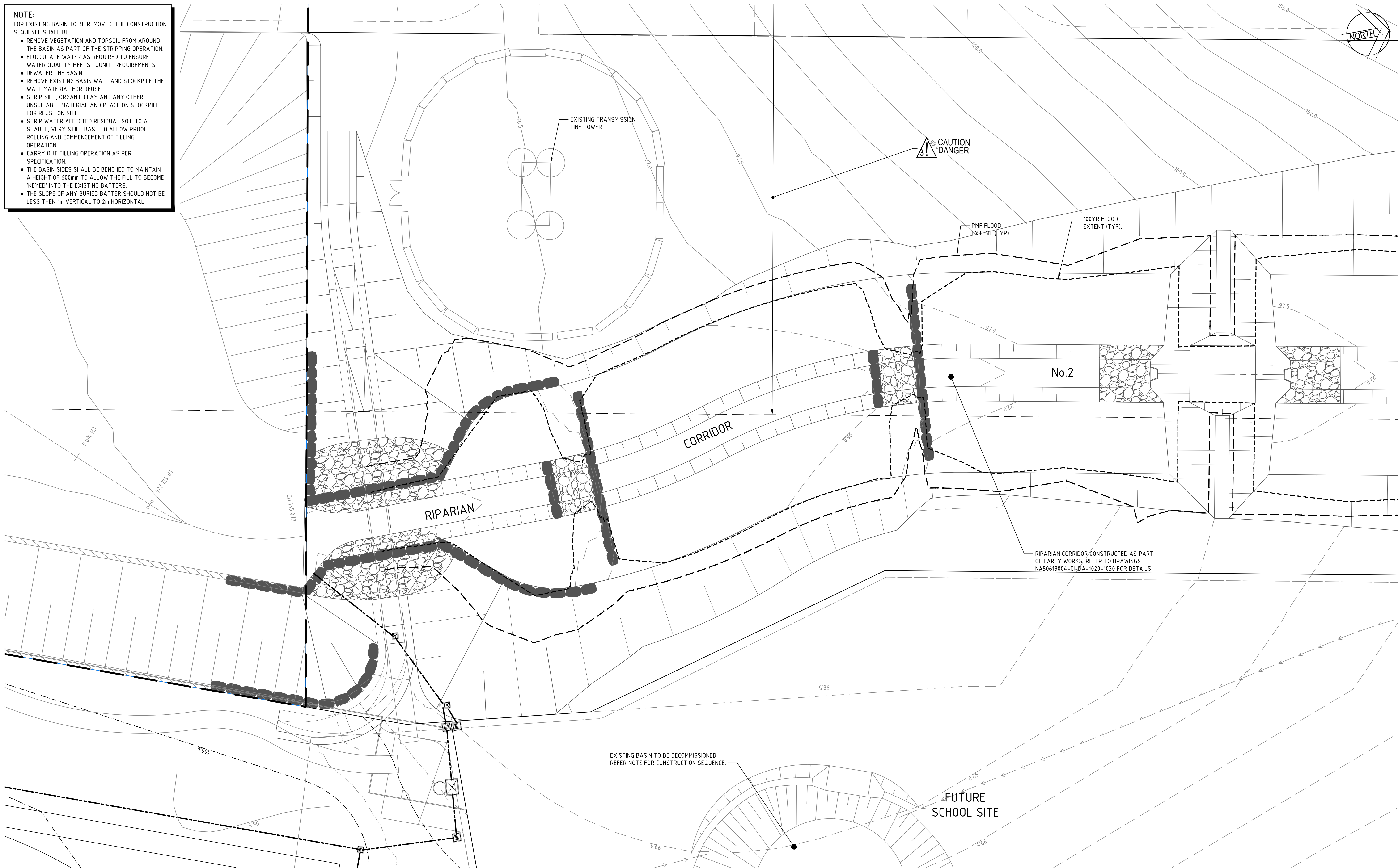
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Designed CP 03/07/2015	Date 03/07/2015	Title DEVELOPMENT APPLICATION
Verified	Date	STAGE 2-3 SPORTS FIELD SITWORKS PLAN SHEET 3 OF 3
Approved		
		Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale 1:250
		Size A1
		Drawing Number NA50613004-027-CI-DA-2252
		Revision 2



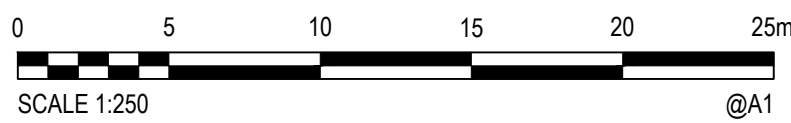
DATE PLOTTED: 2 September 2015 11:51 AM BY: DAVID BALL

- NOTE:**  
FOR EXISTING BASIN TO BE REMOVED. THE CONSTRUCTION SEQUENCE SHALL BE:
- REMOVE VEGETATION AND TOPSOIL FROM AROUND THE BASIN AS PART OF THE STRIPPING OPERATION.
  - FLOCCULATE WATER AS REQUIRED TO ENSURE WATER QUALITY MEETS COUNCIL REQUIREMENTS.
  - DEWATER THE BASIN
  - REMOVE EXISTING BASIN WALL AND STOCKPILE THE WALL MATERIAL FOR REUSE.
  - STRIP SILT, ORGANIC CLAY AND ANY OTHER UNSUITABLE MATERIAL AND PLACE ON STOCKPILE FOR REUSE ON SITE.
  - STRIP WATER AFFECTED RESIDUAL SOIL TO A STABLE, VERY STIFF BASE TO ALLOW PROOF ROLLING AND COMMENCEMENT OF FILLING OPERATION.
  - CARRY OUT FILLING OPERATION AS PER SPECIFICATION.
  - THE BASIN SIDES SHALL BE BENCHED TO MAINTAIN A HEIGHT OF 600mm TO ALLOW THE FILL TO BECOME 'KEYED' INTO THE EXISTING BATTERS.
  - THE SLOPE OF ANY BURIED BATTER SHOULD NOT BE LESS THEN 1m VERTICAL TO 2m HORIZONTAL.



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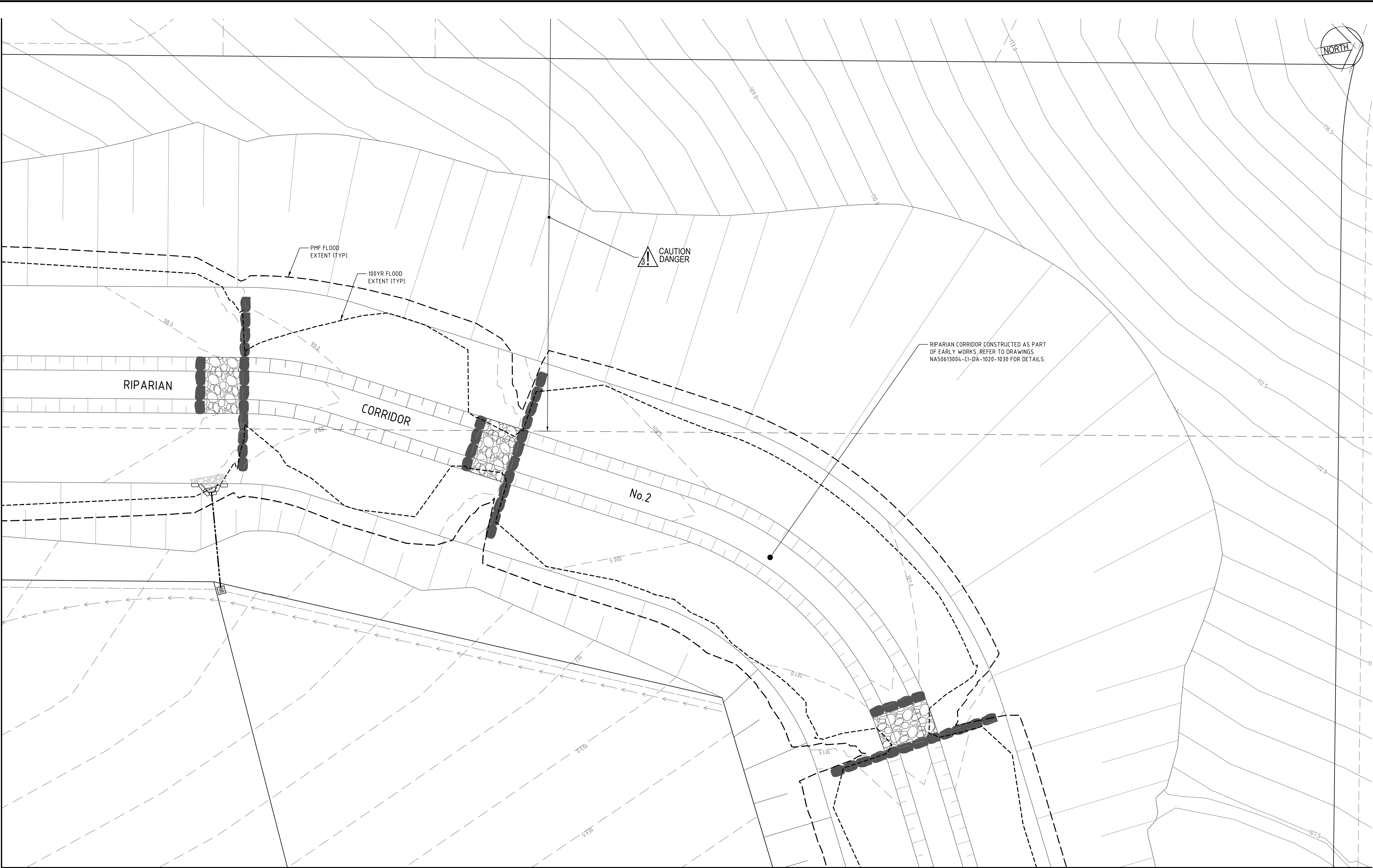


Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1 OF 19
Approved		Title
		Status <b>FOR APPROVAL</b>
		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale 1:250
		Size A1
		Drawing Number NA50613004-027-CI-DA-2301
		Revision 4



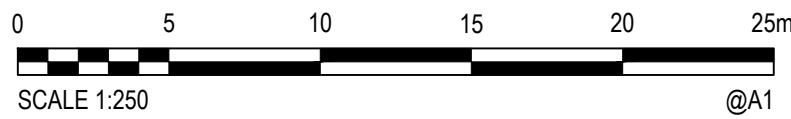
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4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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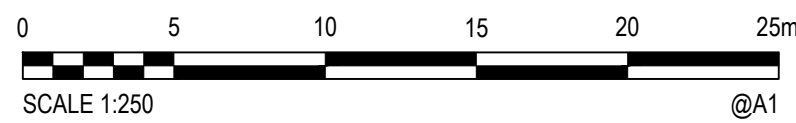
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 19
Approved		Status <b>FOR APPROVAL</b>
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		Drawing Number NA50613004-027-CI-DA-2302
		Revision 4

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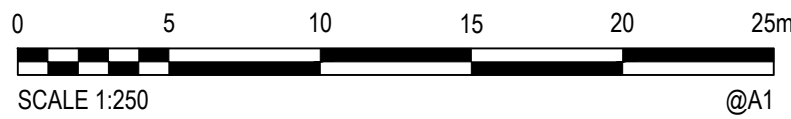


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Designed CP	Date 06/01/2015		NOT TO BE USED FOR CONSTRUCTION PURPOSES				
Verified	Date				Datum	Scale	Size
Approved		Title	STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 19		AHD	1:250	A1
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			NA50613004-027-CI-DA-2303				4





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1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		

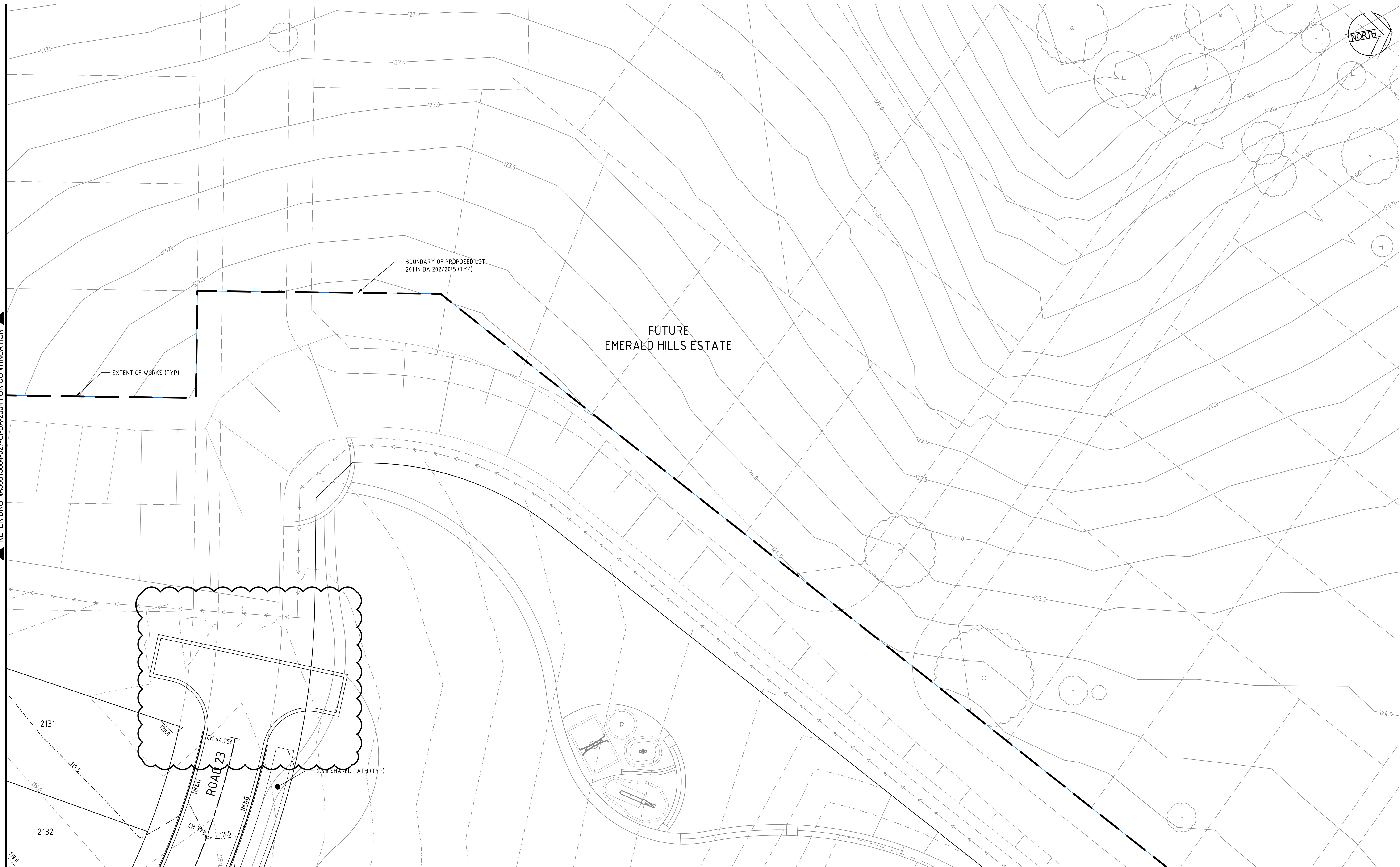


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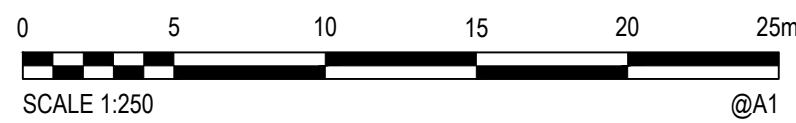
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Stage 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4 OF 19
Approved		
Status FOR APPROVAL	Datum AHD	Scale 1:250
NOT TO BE USED FOR CONSTRUCTION PURPOSES	Drawing Number NA50613004-027-CI-DA-2304	Size A1
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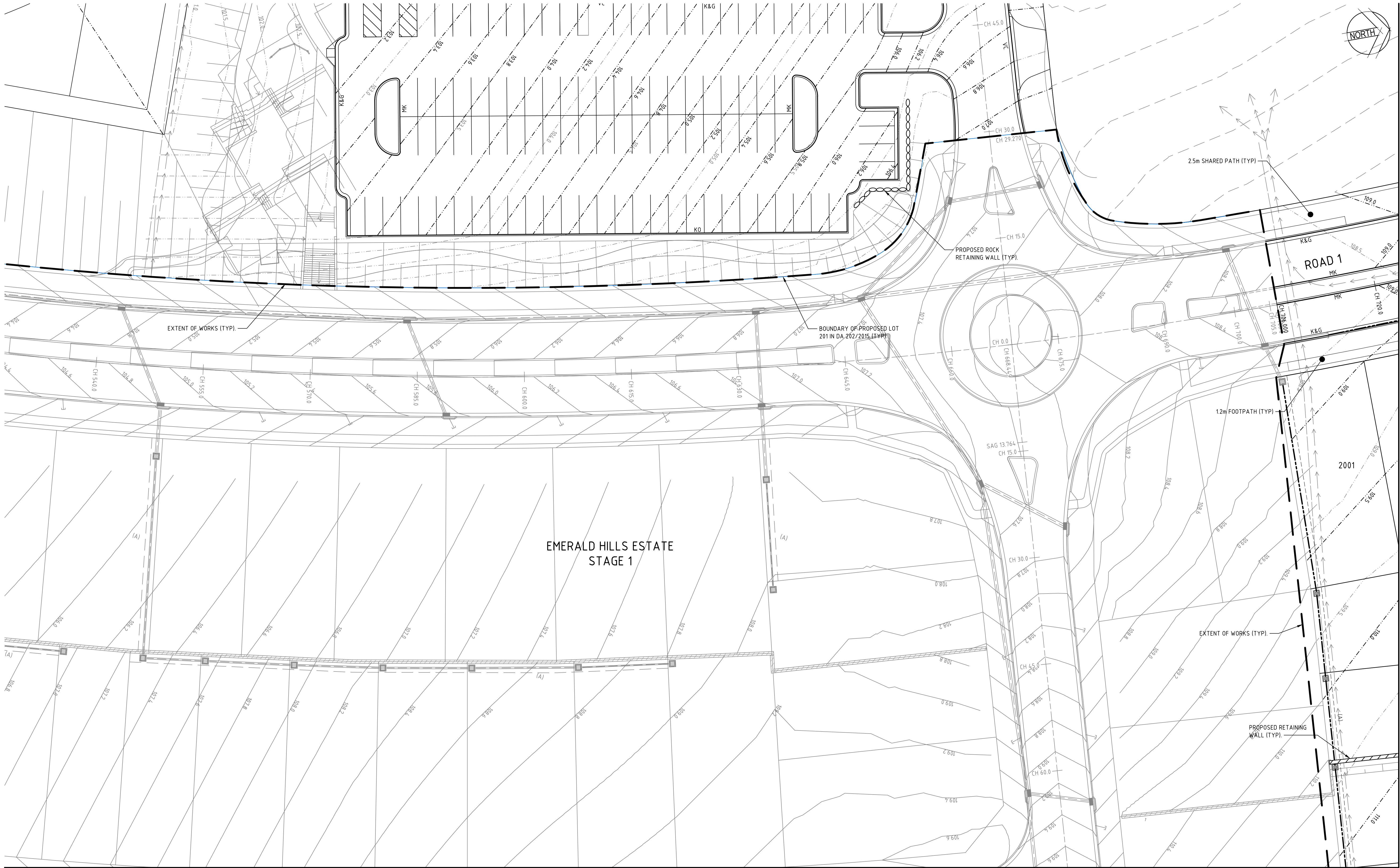
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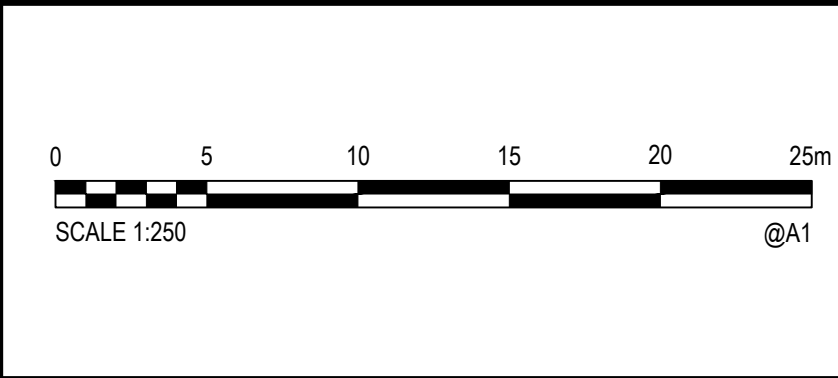
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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status	<div>FOR APPROVAL</div> <div>NOT TO BE USED FOR CONSTRUCTION PURPOSES</div>			
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Approved	Title		Drawing Number			Revision	
		STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 19	NA50613004-027-CI-DA-2305		5		







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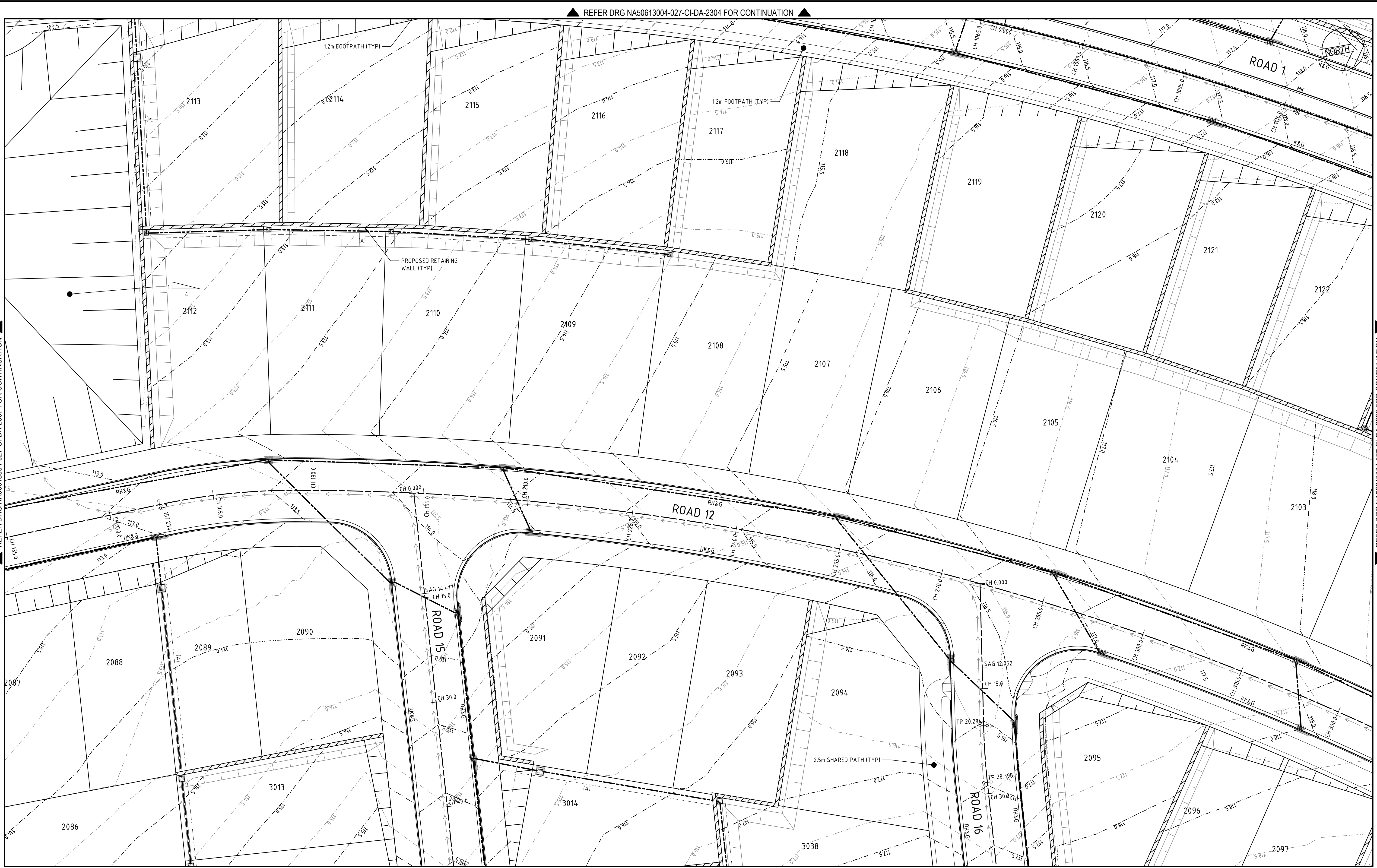


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Designed CP	Date 06/01/2015	Title	STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 7 OF 19		Datum AHD
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Approved			Drawing Number NA50613004-027-CI-DA-2307		Size A1 Revision 4

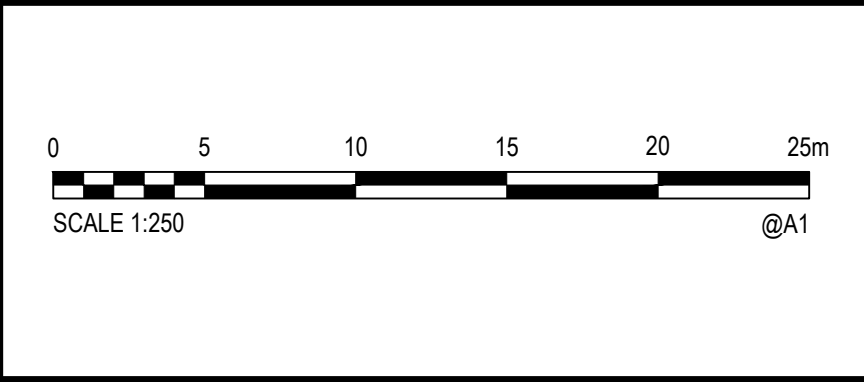


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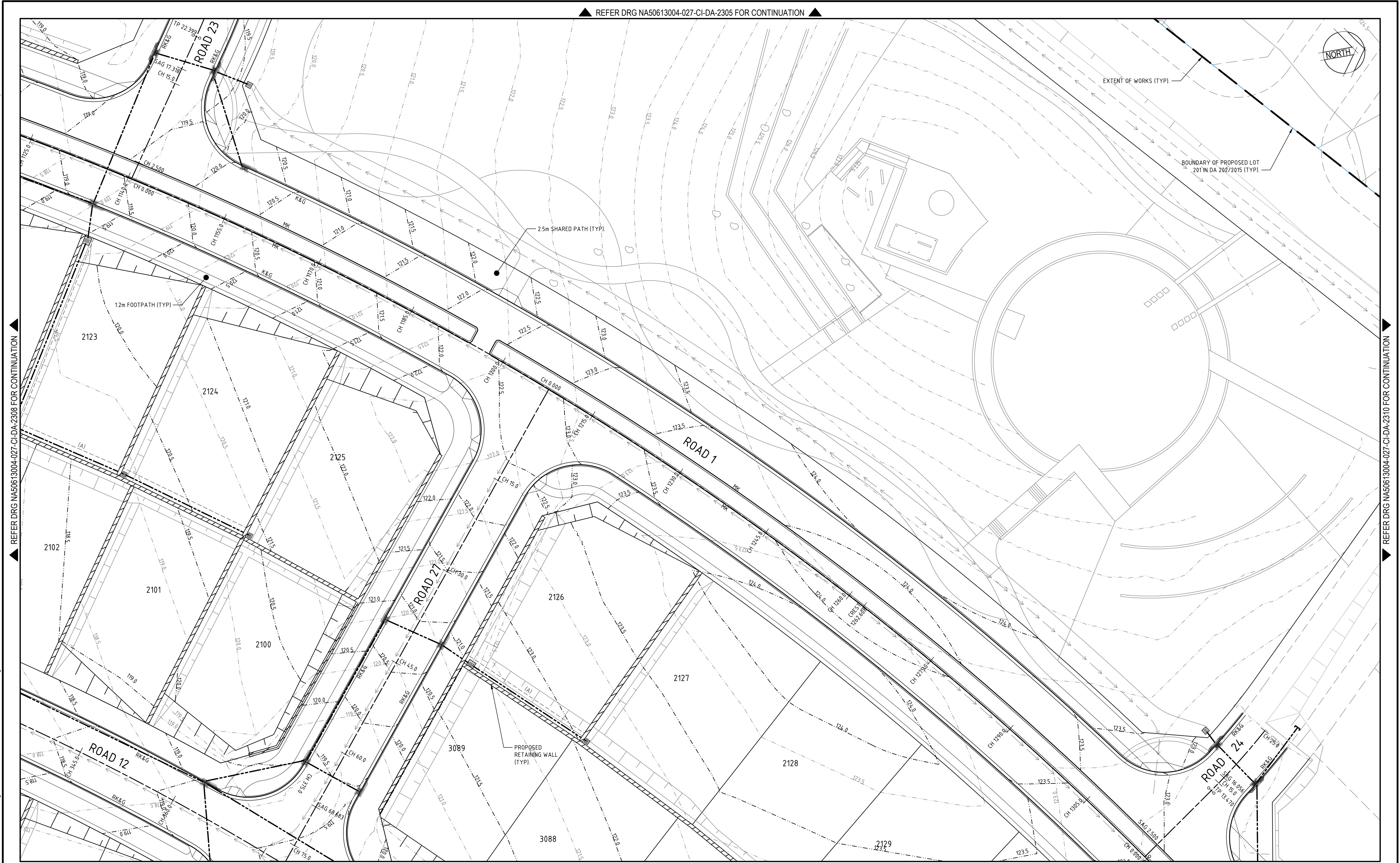
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Checked	MKH	Date	
Designed	CP	Date	06/01/2015
Verified		Date	
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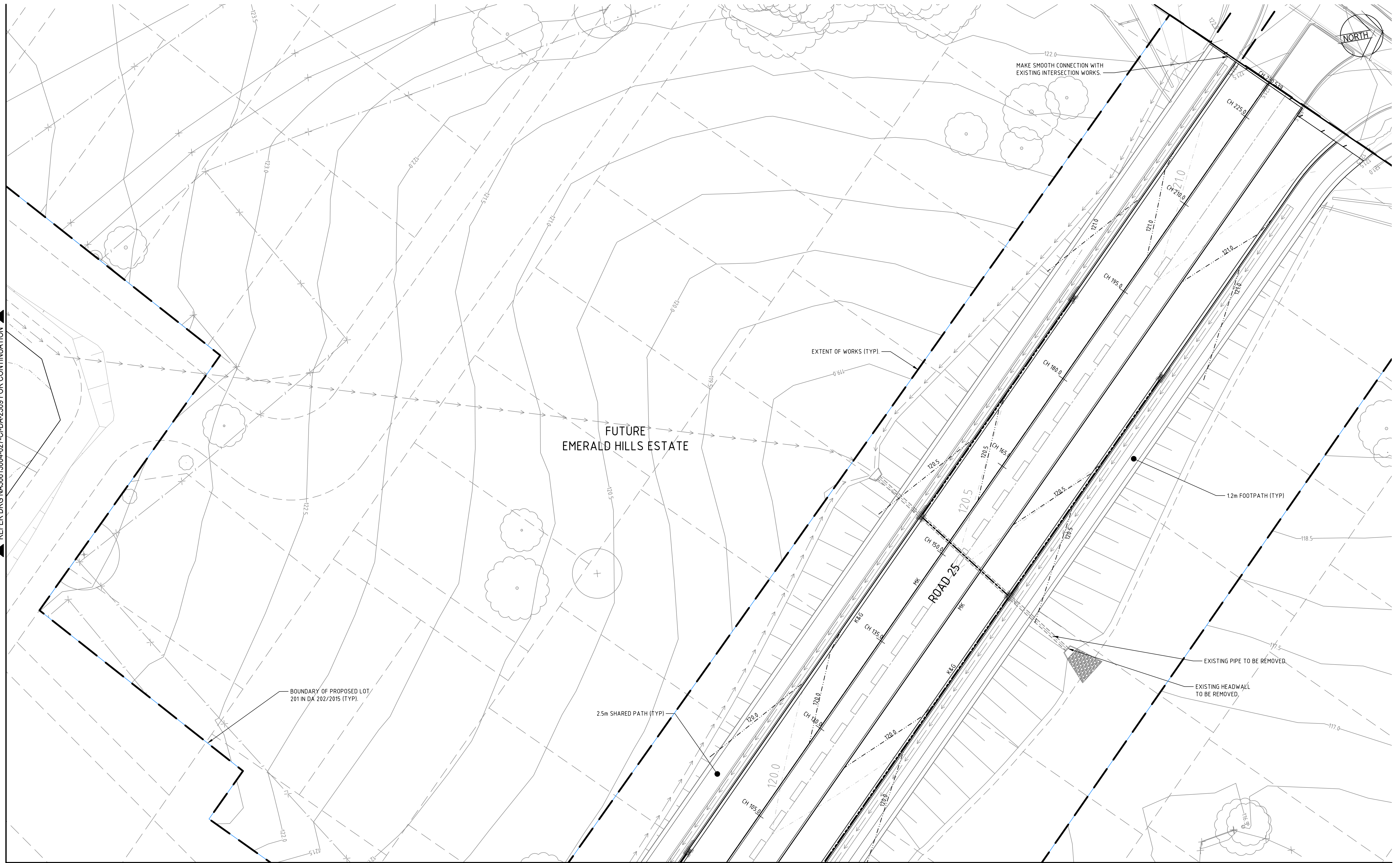
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Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Title	STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8 OF 19

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Revision	4

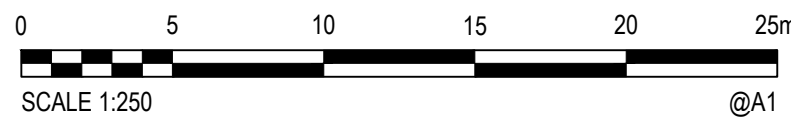








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3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION				
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Rev.	Date	Description	Des.	Verif.	Appd.	



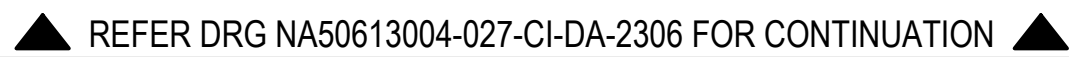
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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b>		
Designed CP	Date 06/01/2015		NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Verified	Date		Datum AHD	Scale 1:250	Size A1
Approved			Drawing Number NA50613004-027-CI-DA-2310	Revision 4	
		Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 10 OF 19			





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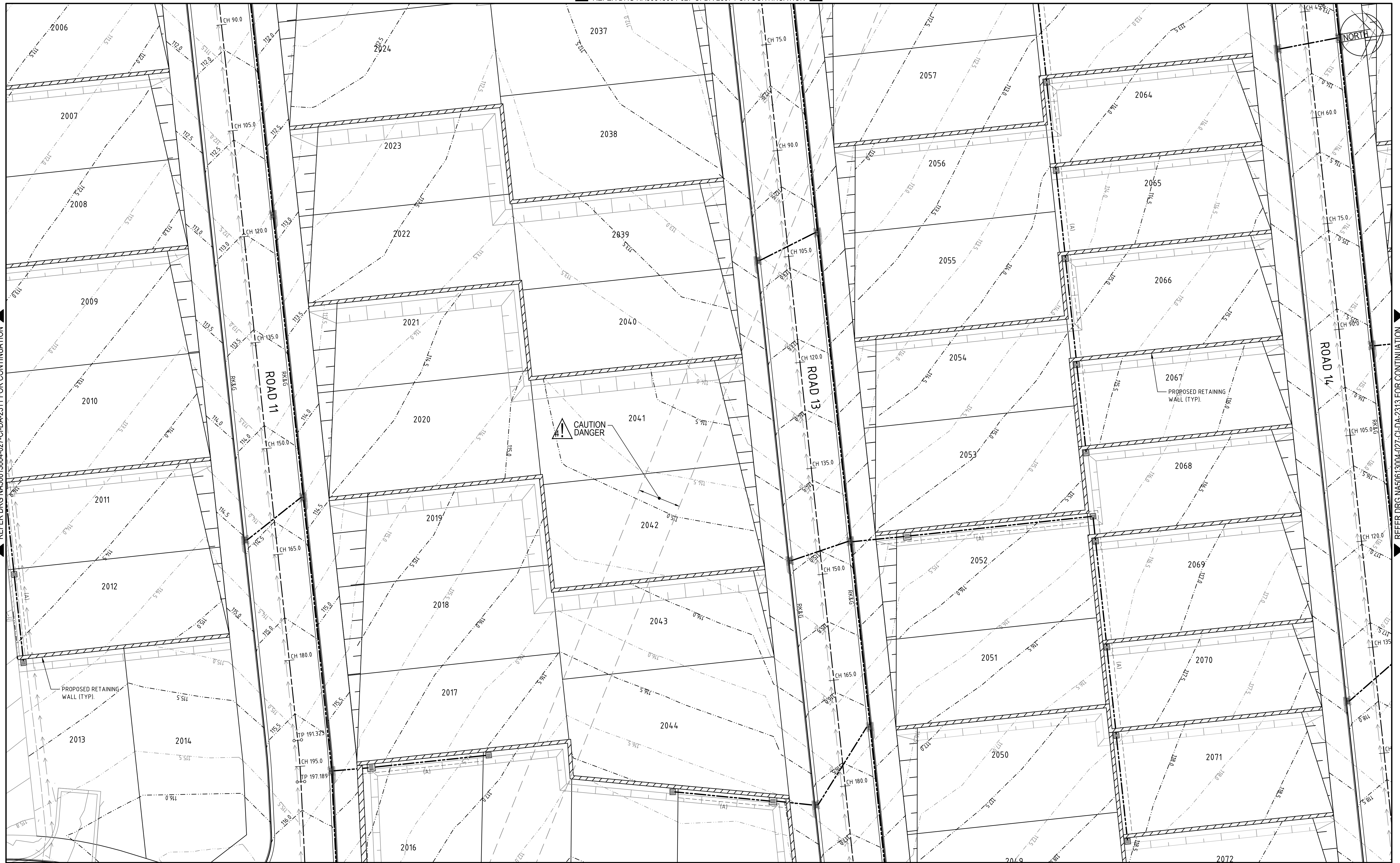
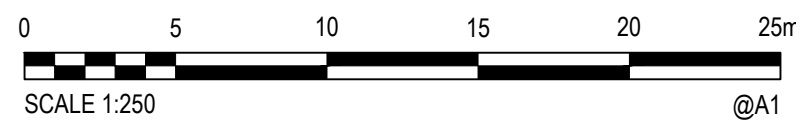
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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Designed CP	Date 06/01/2015	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSE
Verified	Date	Datum AHD
Approved	Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 11 OF 19	Scale 1:250
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		Revision 4



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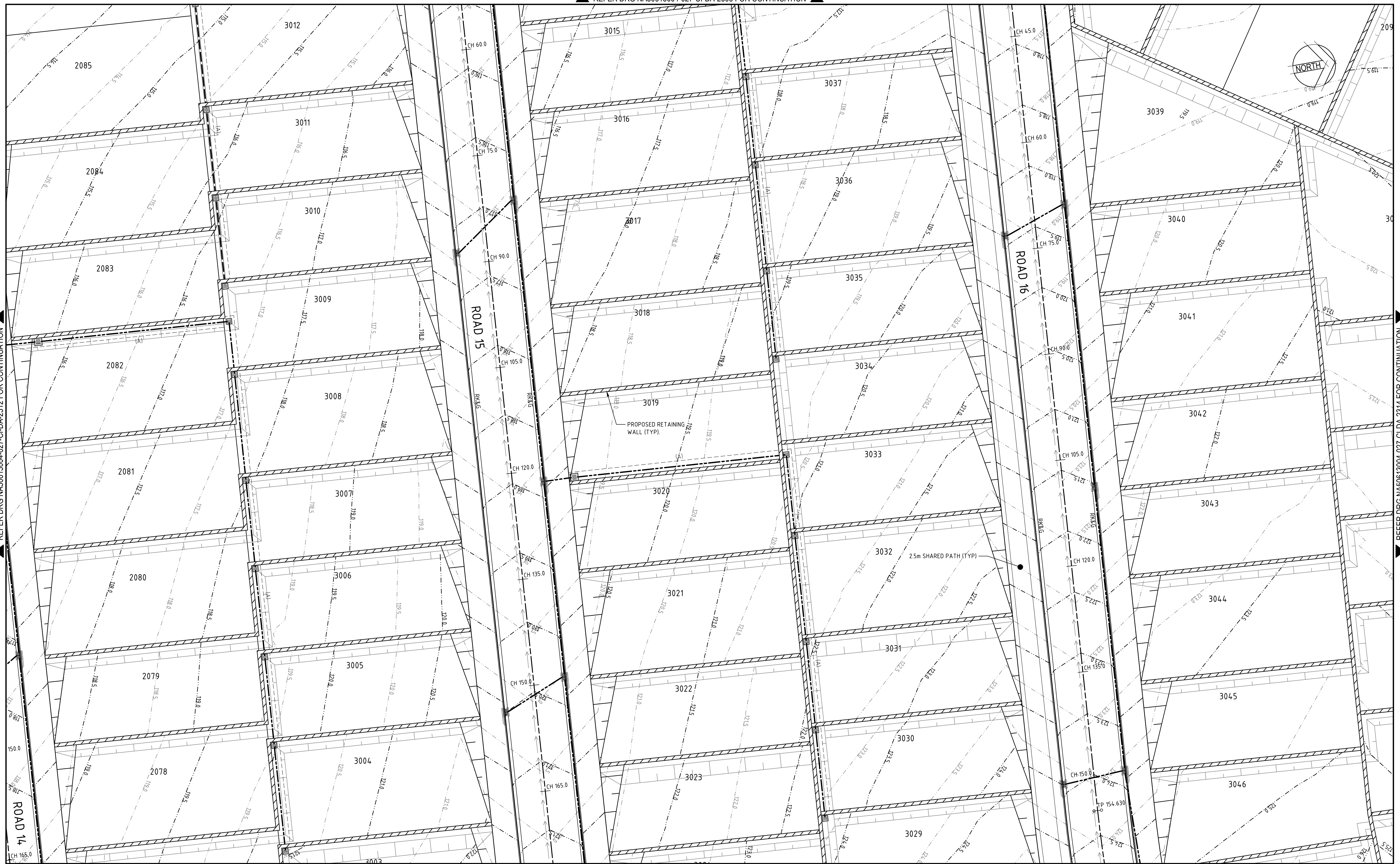
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Checked MGT	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b>		
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Approved			Drawing Number NA50613004-027-CI-DA-2312		Revision 4
		Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 19			





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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES		
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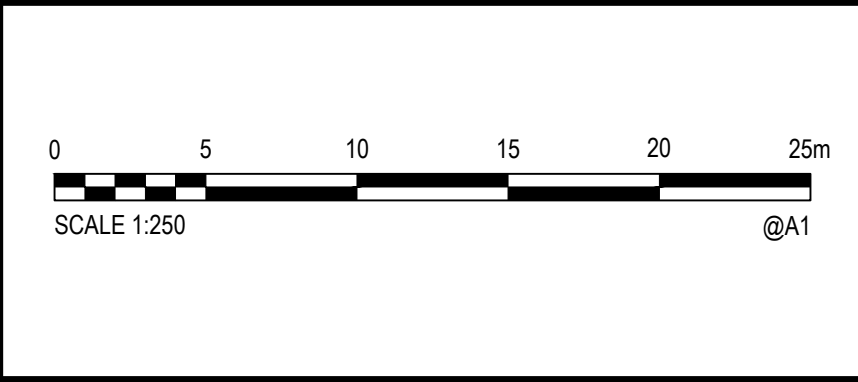


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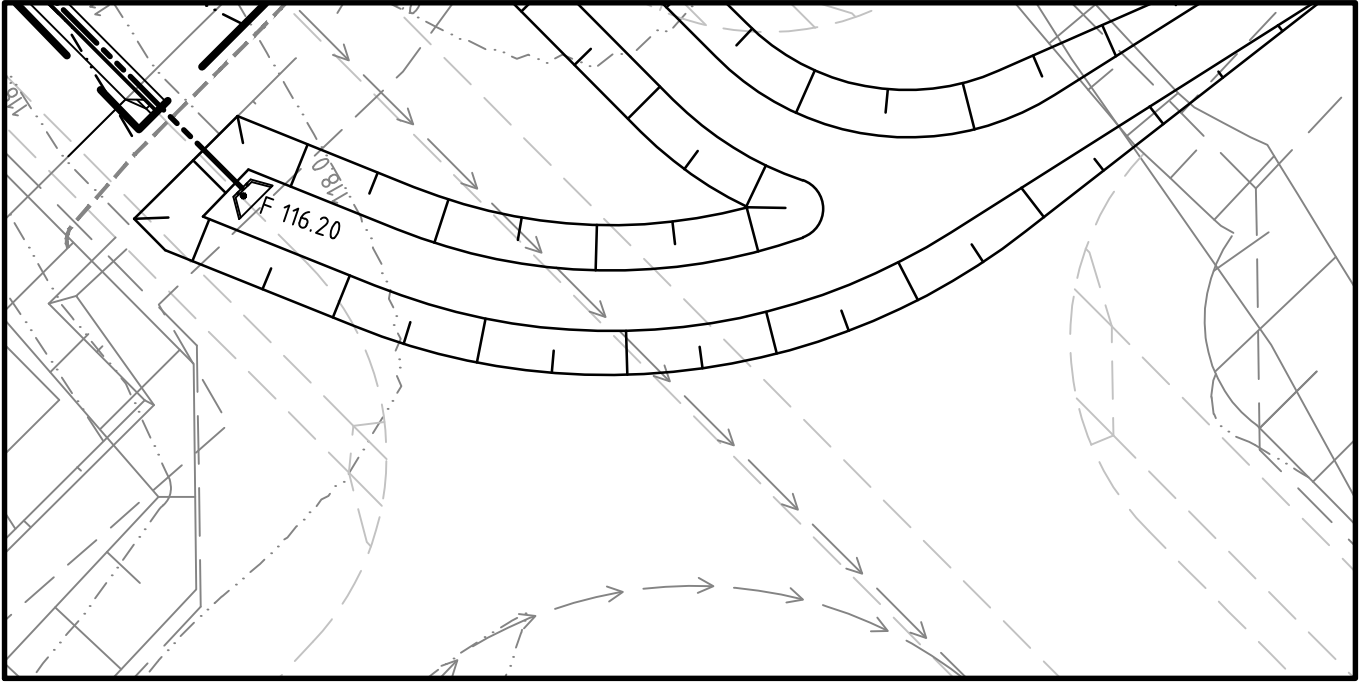
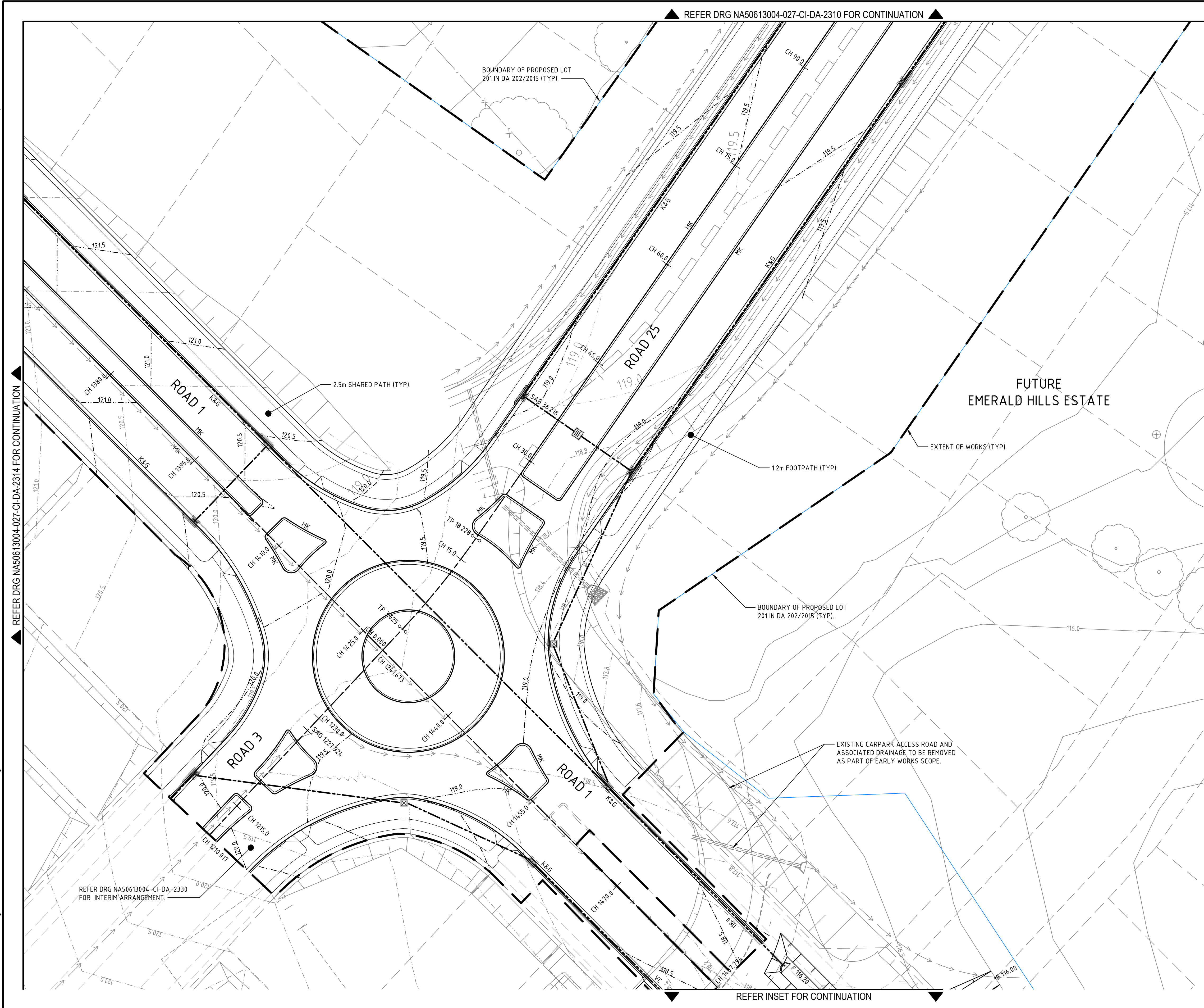
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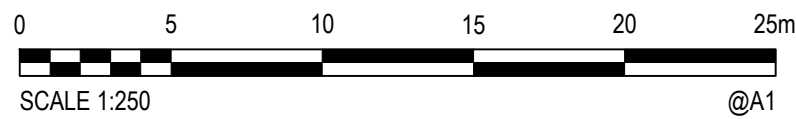
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Verified	Date	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved		Datum AHD
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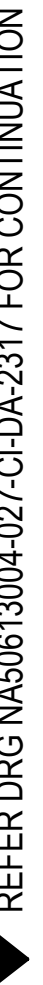
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Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES
Approved		Datum AHD
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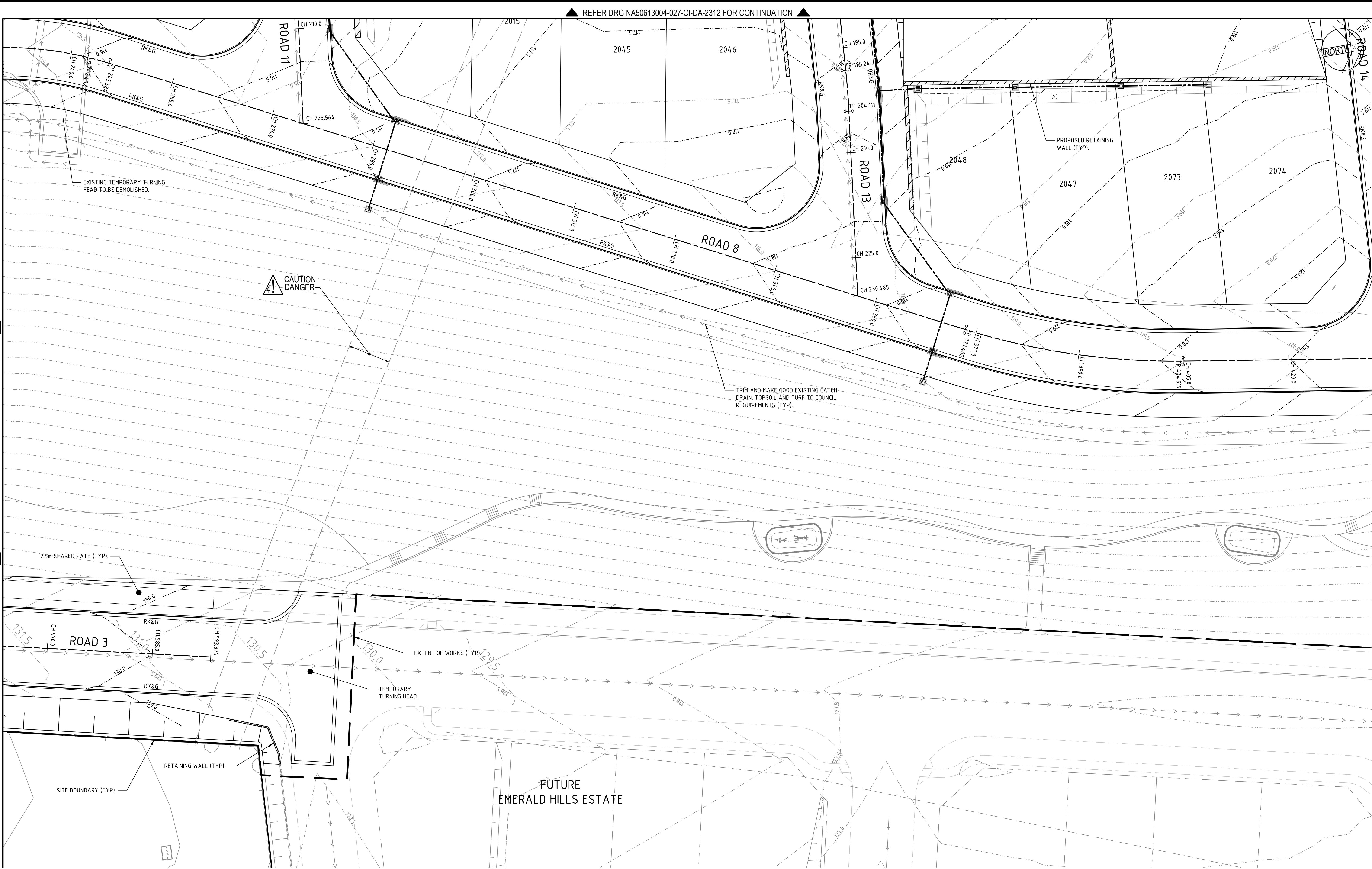


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NA50613004-027-CI-DA-2316			4



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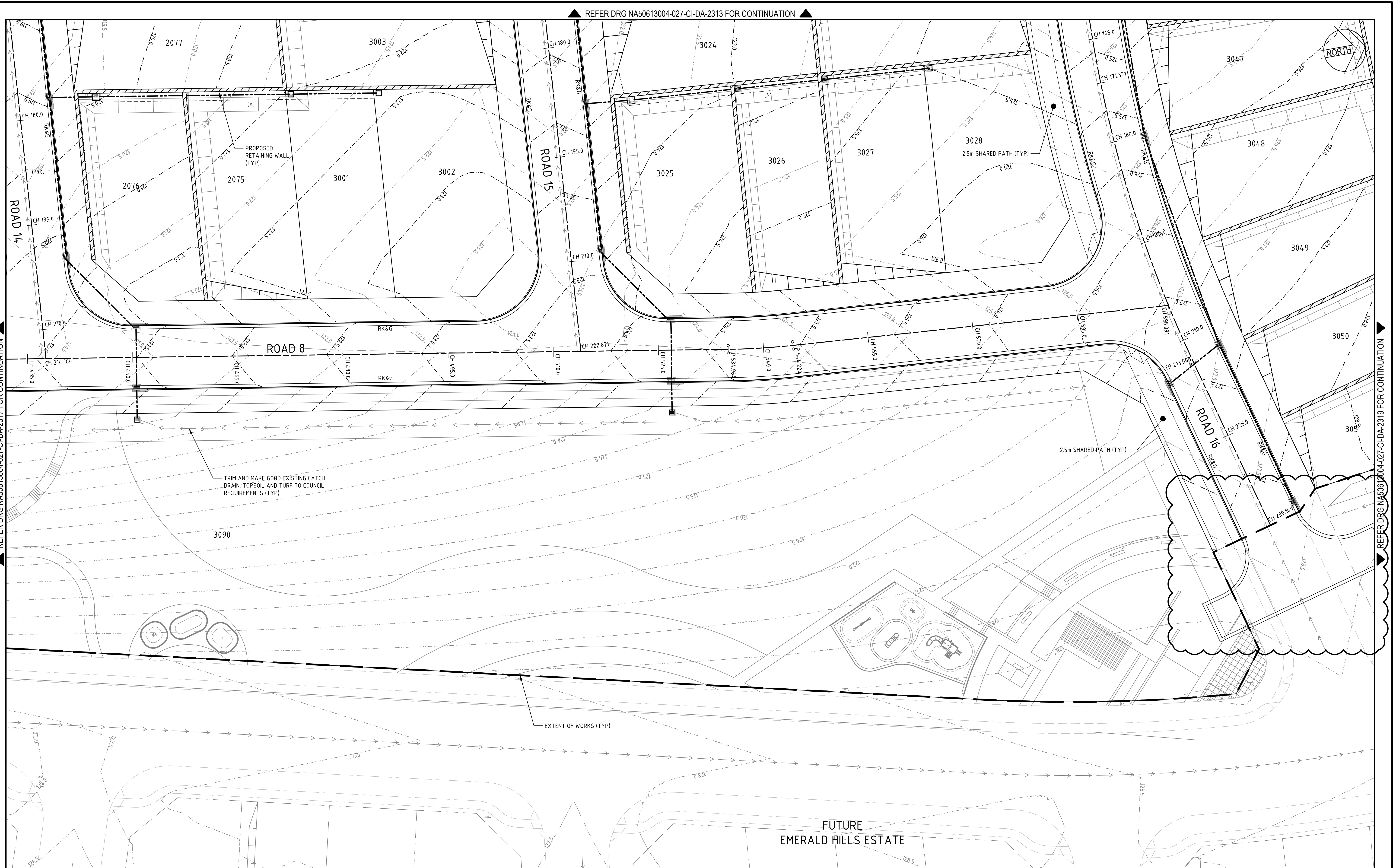
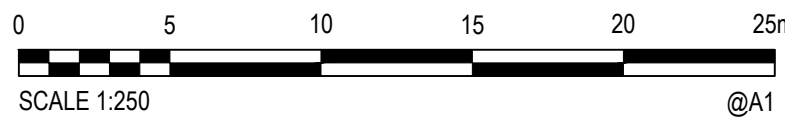


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Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 17 OF 19
Approved		Status FOR APPROVAL
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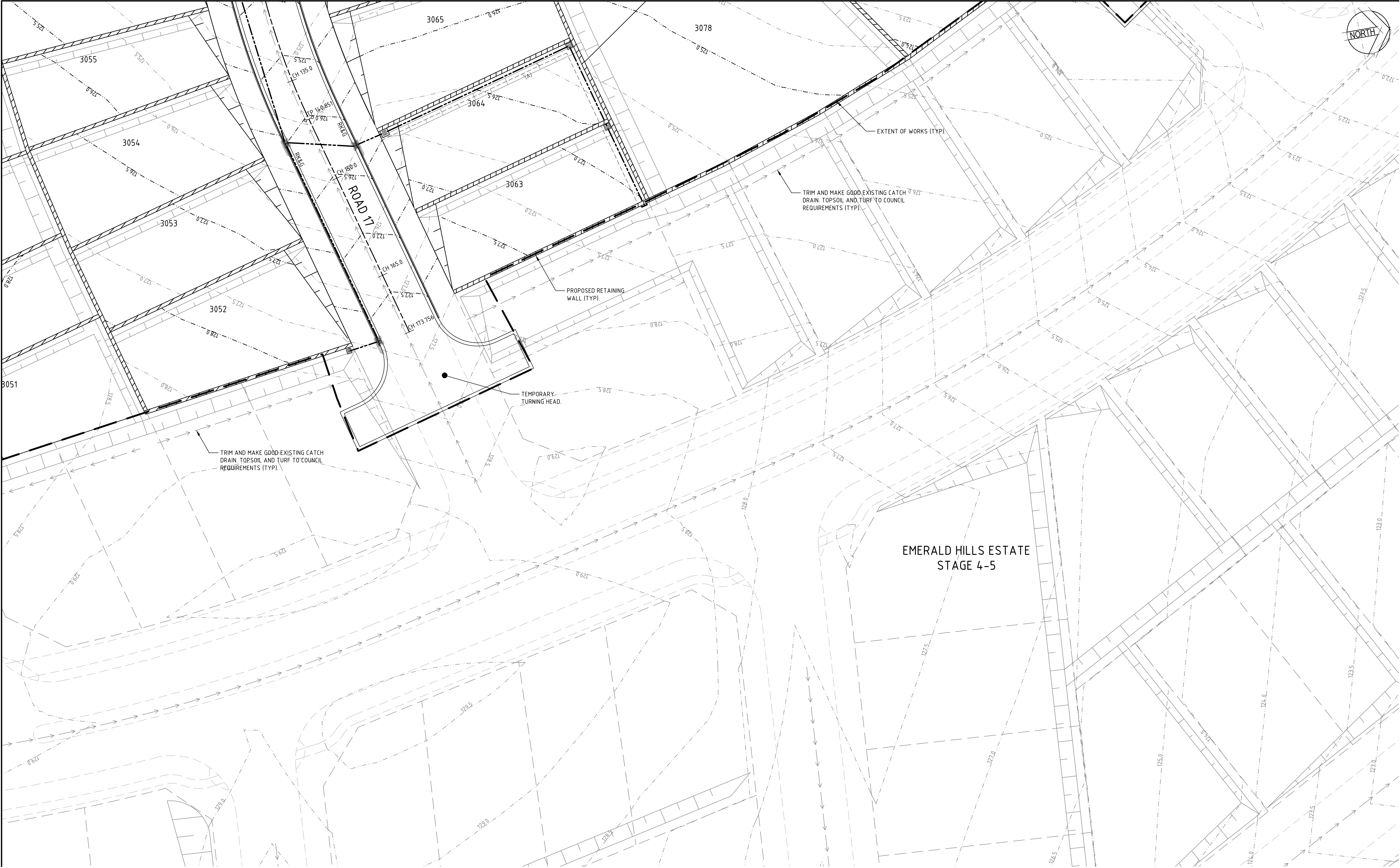
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Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b>		
Designed CP	Date 06/01/2015		NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Verified	Date		Datum		
Approved	Title STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 18 OF 19	AHD		Scale 1:250	Size A1
		Drawing Number NA50613004-027-CI-DA-2318			Revision 5



DATE PLOTTED: 2 September 2015 11:55 AM BY: DAVID BALL

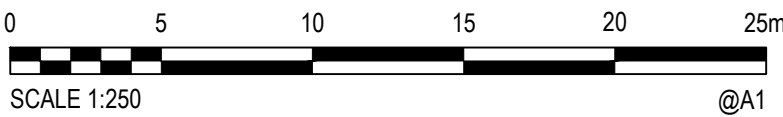
REFER DRG NA50613004-027-CI-DA-2318 FOR CONTINUATION

REFER DRG NA50613004-027-CI-DA-2314 FOR CONTINUATION



EMERALD HILLS ESTATE  
STAGE 4-5

Rev.	Date	Description	Des.	Verif.	Appd.
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		



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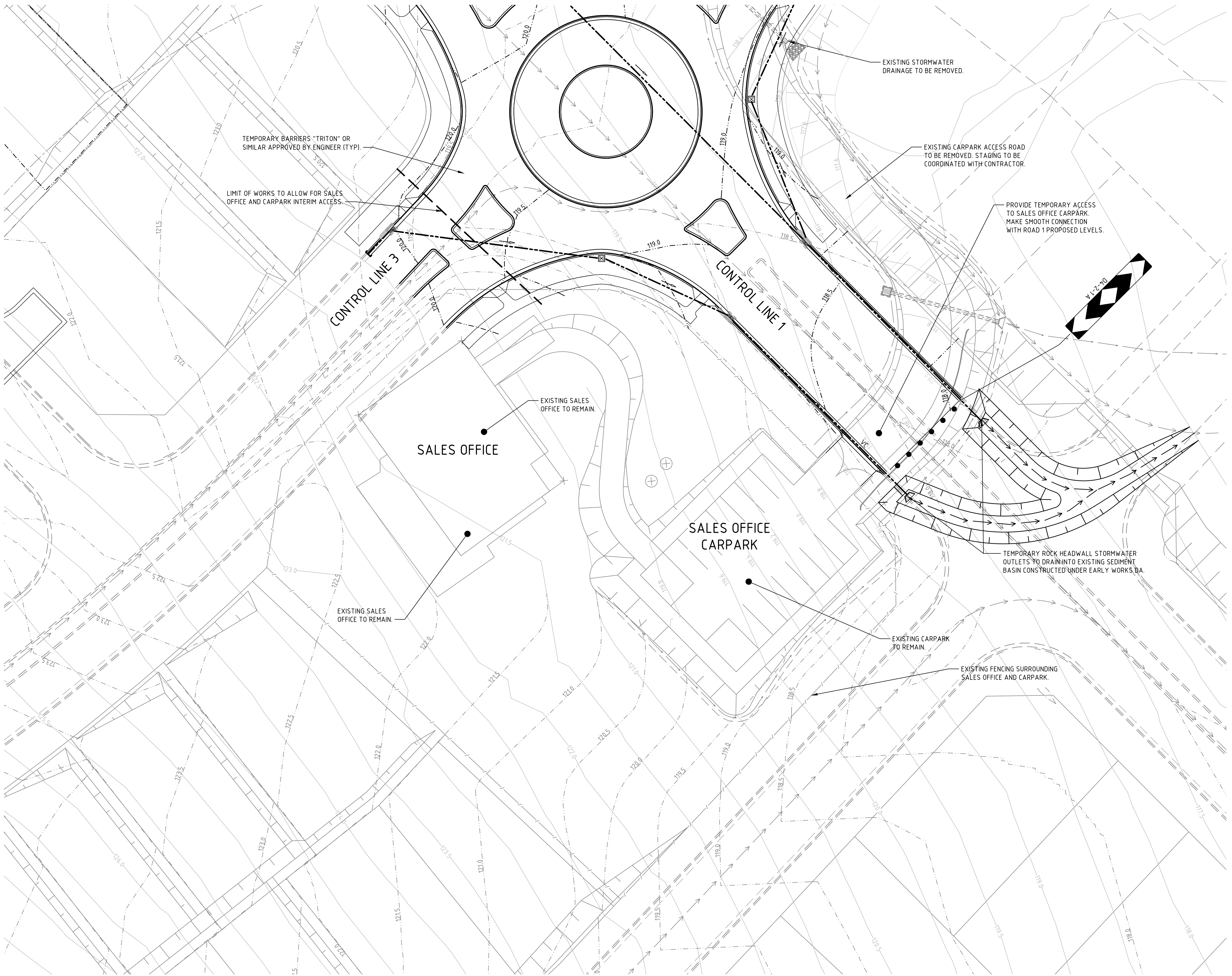


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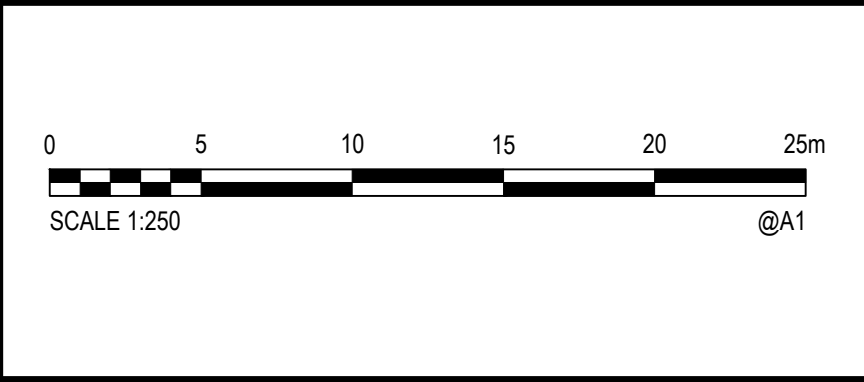
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	STAGE 2-3 ROADWORKS AND STORMWATER DRAINAGE PLAN
Approved		SHEET 19 OF 19
Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES		Datum AHD
Scale 1:250		Size A1
Drawing Number NA50613004-027-CI-DA-2319		Revision 4





Rev.	Date	Description	Des.	Verif.	Appd.
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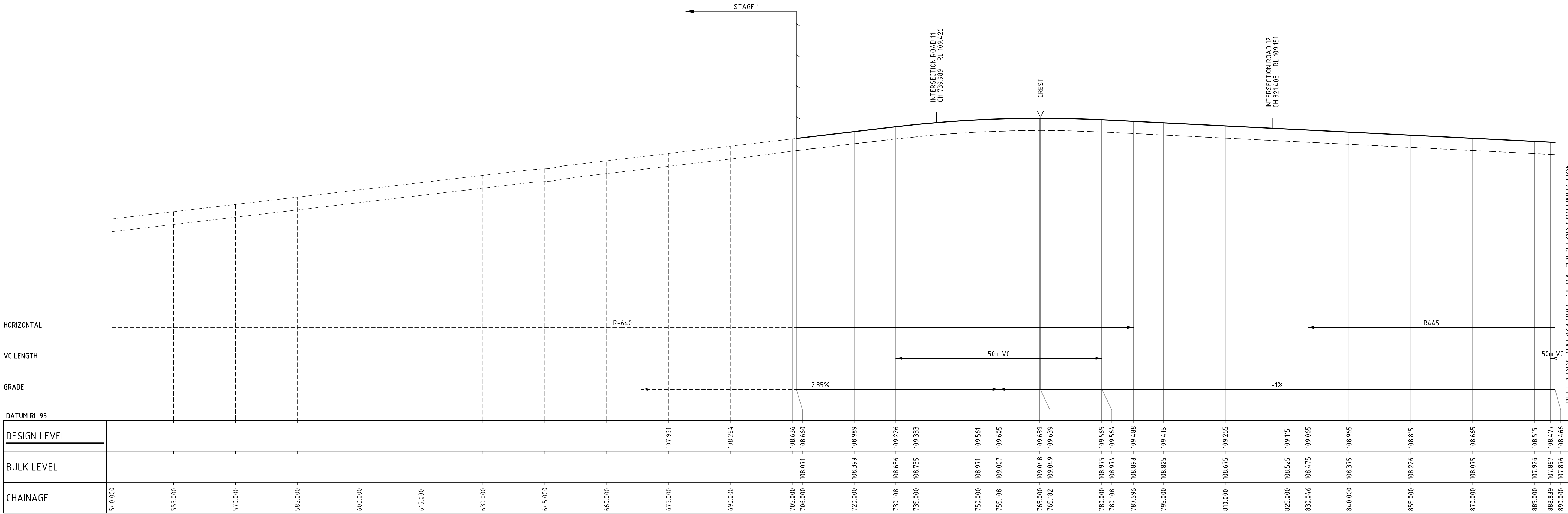


Drawn	DB	Date	09/10/2014
Checked	MKH	Date	
Designed	CP	Date	06/01/2015
Verified		Date	
Approved			

Client	EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS		
Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION		
Title	STAGE 2-3 SALES OFFICE AND CARPARK INTERIM ACCESS PLAN		

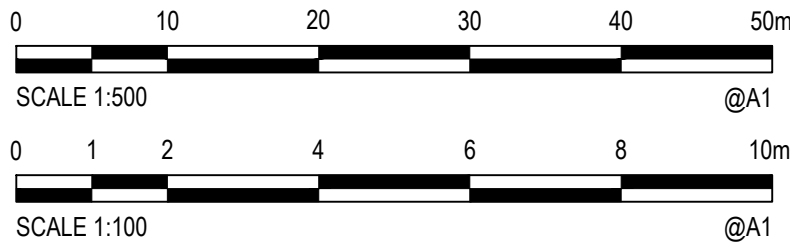
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Status		FOR APPROVAL	
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum		Scale	Size
AHD		1:250	A1
Drawing Number			Revision
NA50613004-027-CI-DA-2330			2





REFER DRG NA50613004-CI-DA-2352 FOR CONTINUATION

4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION	CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION	CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW	CP		
Rev.	Date	Description	Des.	Verif.	Appd.



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Checked	MKH	Date	
Designed	CP	Date	06/01/2015
Verified		Date	
Approved			

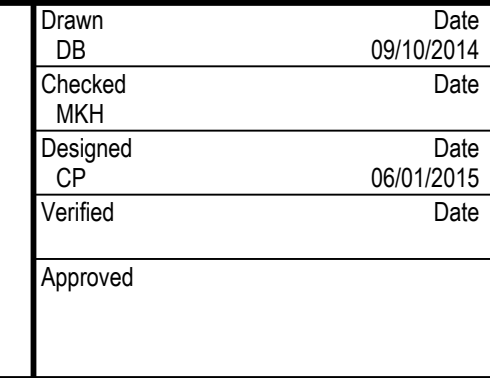
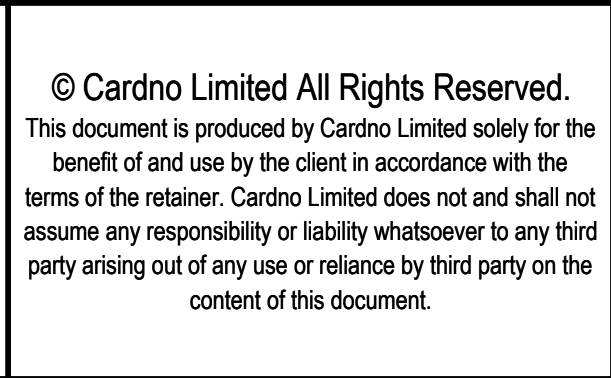
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Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION		
Title	STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 1 OF 11		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Datum	AHD	Scale	AS SHOWN
Drawing Number	NA50613004-027-CI-DA-2351		Revision
			4





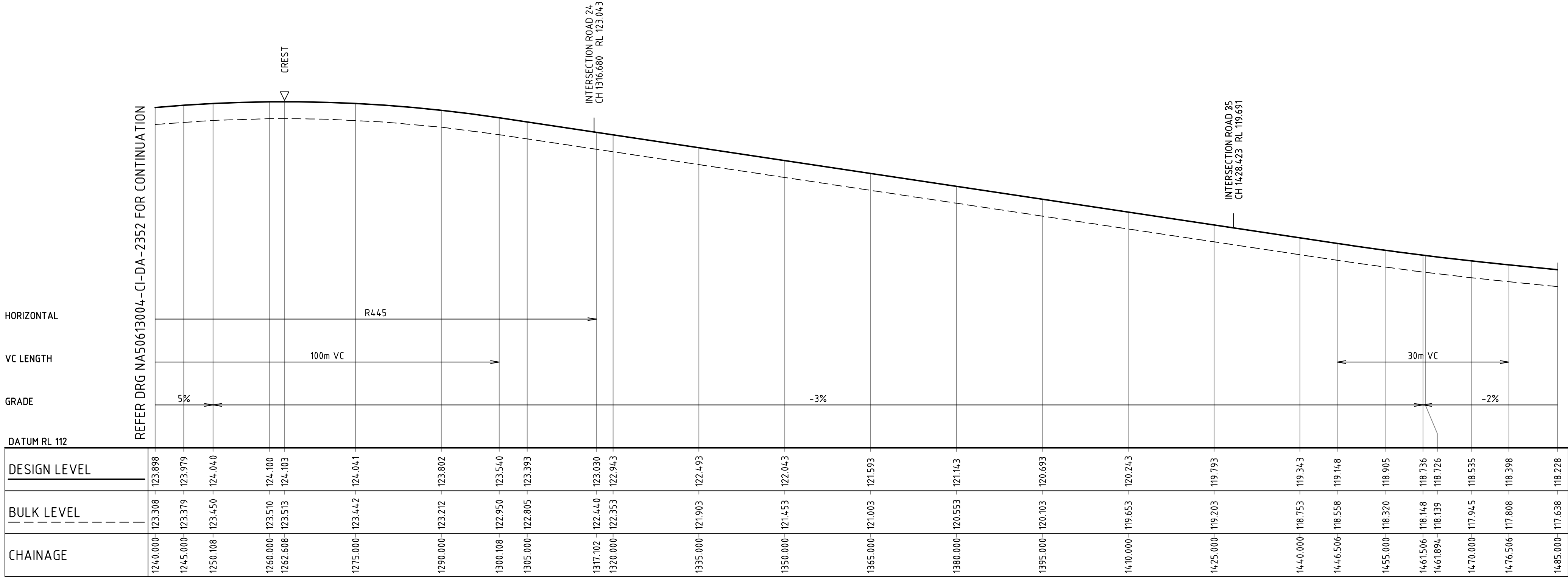
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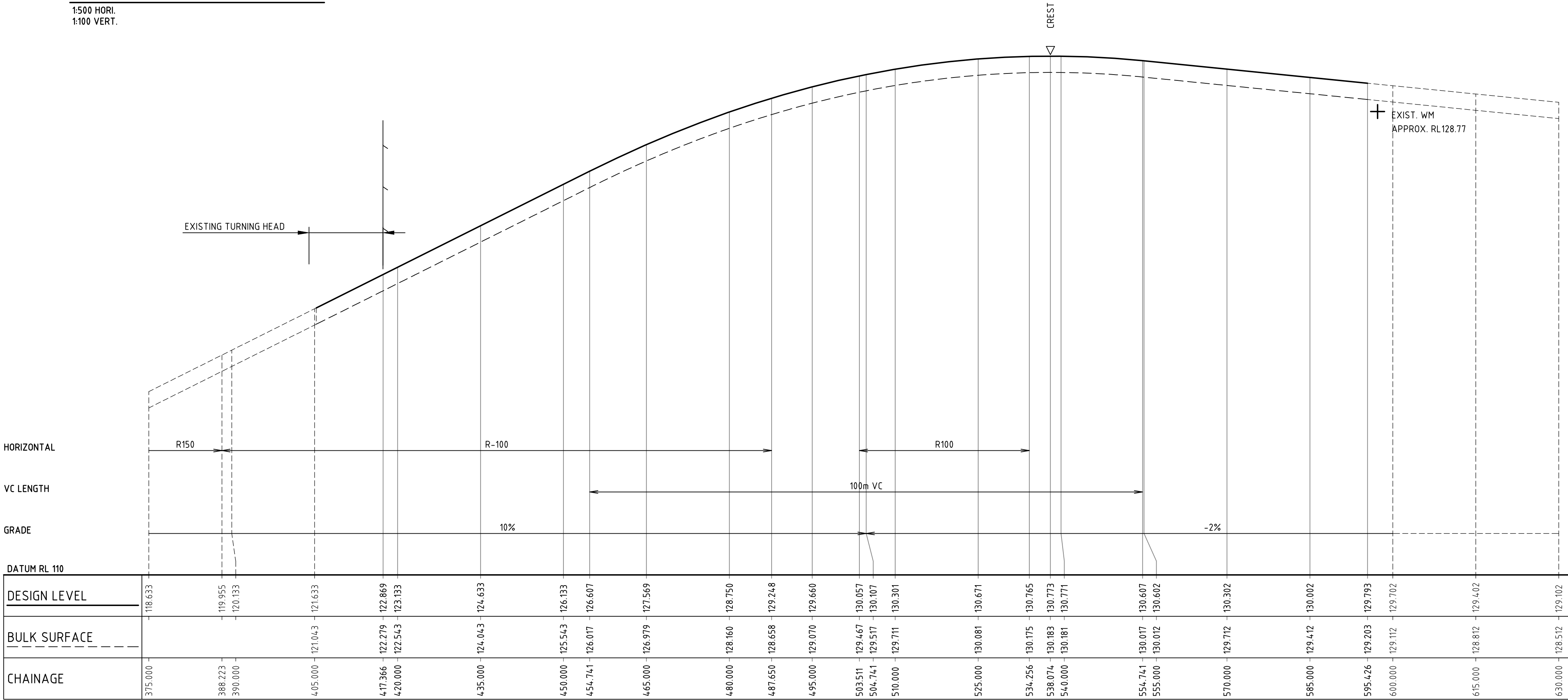
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Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
Title	STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 2 OF 11	Datum	AHD
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		Size	A1
		Drawing Number	NA50613004-027-CI-DA-2352
		Revision	4





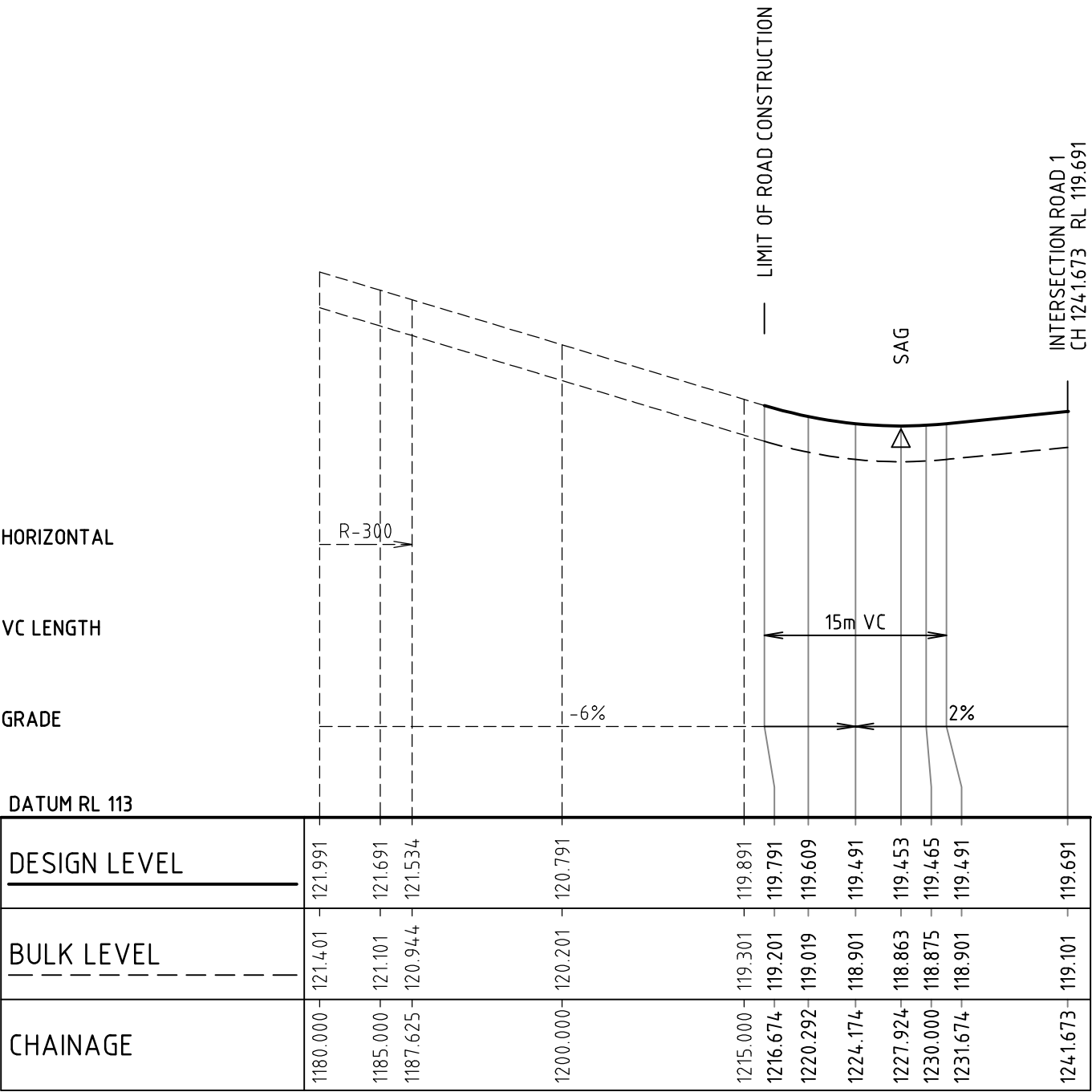
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ROAD 3 LONGITUDINAL SECTION

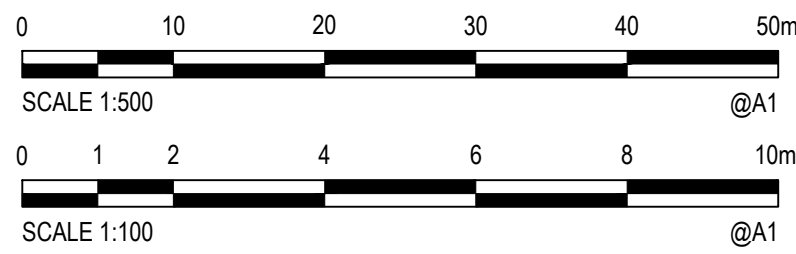
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ROAD 3 LONGITUDINAL SECTION

1:500 HORI.  
1:100 VERT.

Rev.	Date	Description	Des.	Verif.	Appd.
4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION			CP
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION			CP
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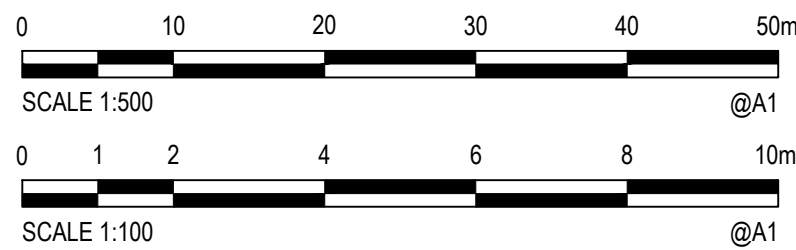
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Status <b>FOR APPROVAL</b>
Approved		NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Datum AHD
		Scale AS SHOWN
		Size A1
		Drawing Number NA50613004-027-CI-DA-2353
		Revision 4





4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION		CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION		CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION		CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW		CP		
Rev.	Date	Description		Des.	Verif.	Appd.

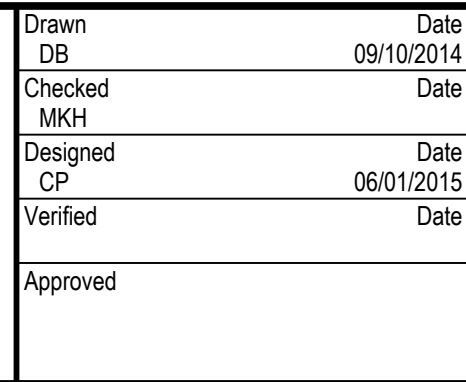
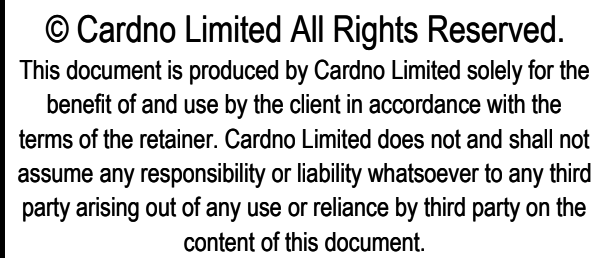


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Checked WKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b>	
Designed CP	Date 06/01/2015		NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Verified	Date		Datum AHD	
Approved		Title STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 4 OF 11	Scale AS SHOWN	Size A1
			Drawing Number NA50613004-027-CI-DA-2354	Revision 4





Client	EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS				
Project	EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION		Status		
			FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Title	STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 5 OF 11		Datum	Scale	Size
			AHD	AS SHOWN	A1
			Drawing Number		Revision
			NA50613004-027-CI-DA-2355		4





4	02/09/2015	ISSUE FOR DEVELOPMENT APPLICATION		CP		
3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION		CP		
2	29/05/2015	ISSUE FOR DEVELOPMENT APPLICATION		CP		
1	13/03/2015	ISSUED FOR CLIENT REVIEW		CP		
Rev.	Date	Description		Des.	Verif.	Appd.

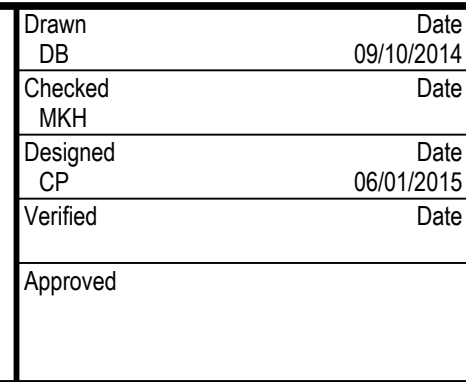
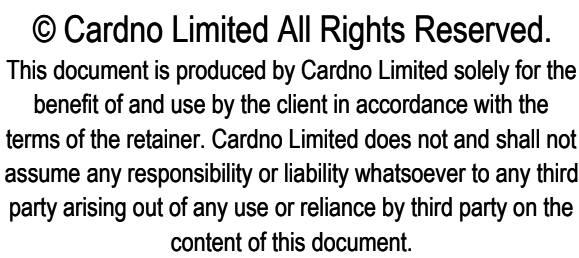
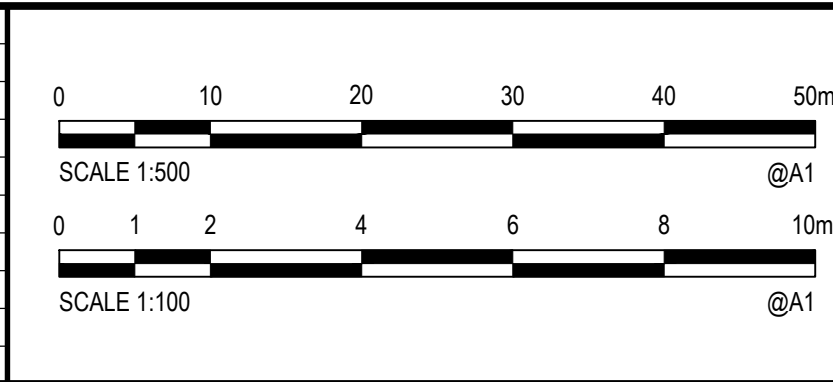


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Checked WKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b>	
Designed CP	Date 06/01/2015		NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Verified	Date		Datum      Scale      Size	
Approved		Title STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 6 OF 11	AHD AS SHOWN	A1
			Drawing Number NA50613004-027-CI-DA-2356	Revision 4



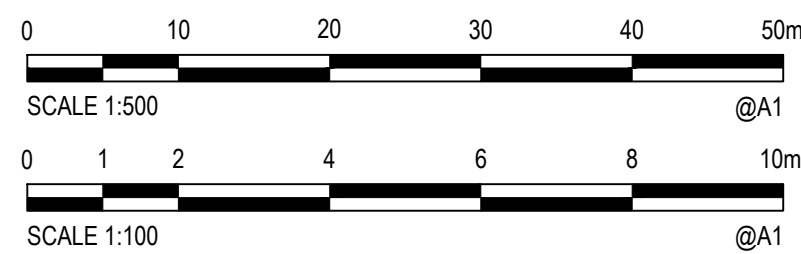


Client				EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS				
Project			EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION		Status			
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Title			STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 7 OF 11		Datum		Scale	Size
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					NA50613004-027-CI-DA-2357		4	





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1	13/03/2015	ISSUED FOR CLIENT REVIEW		CP	
Rev.	Date	Description		Des.	Verif. Appd.

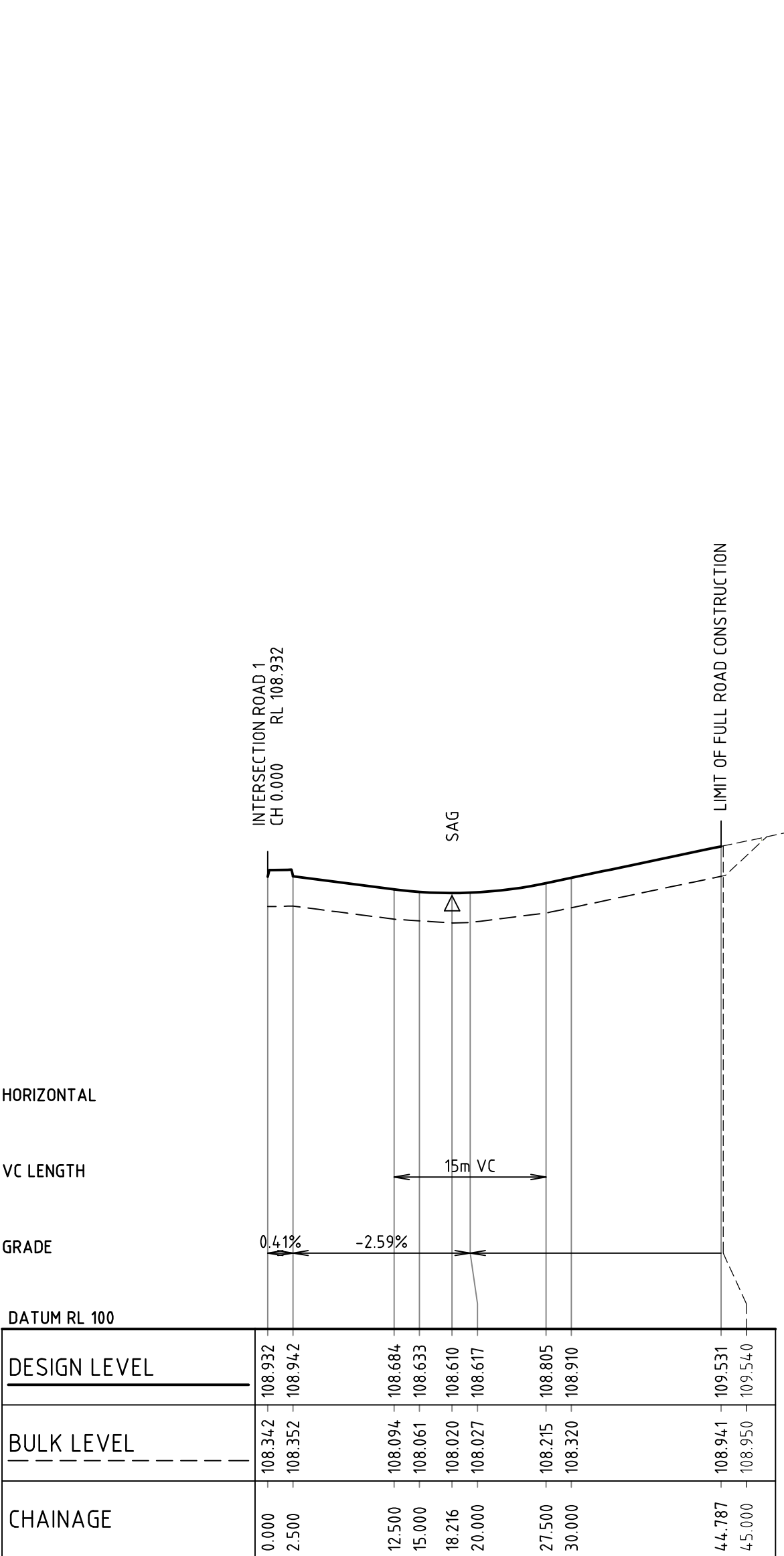
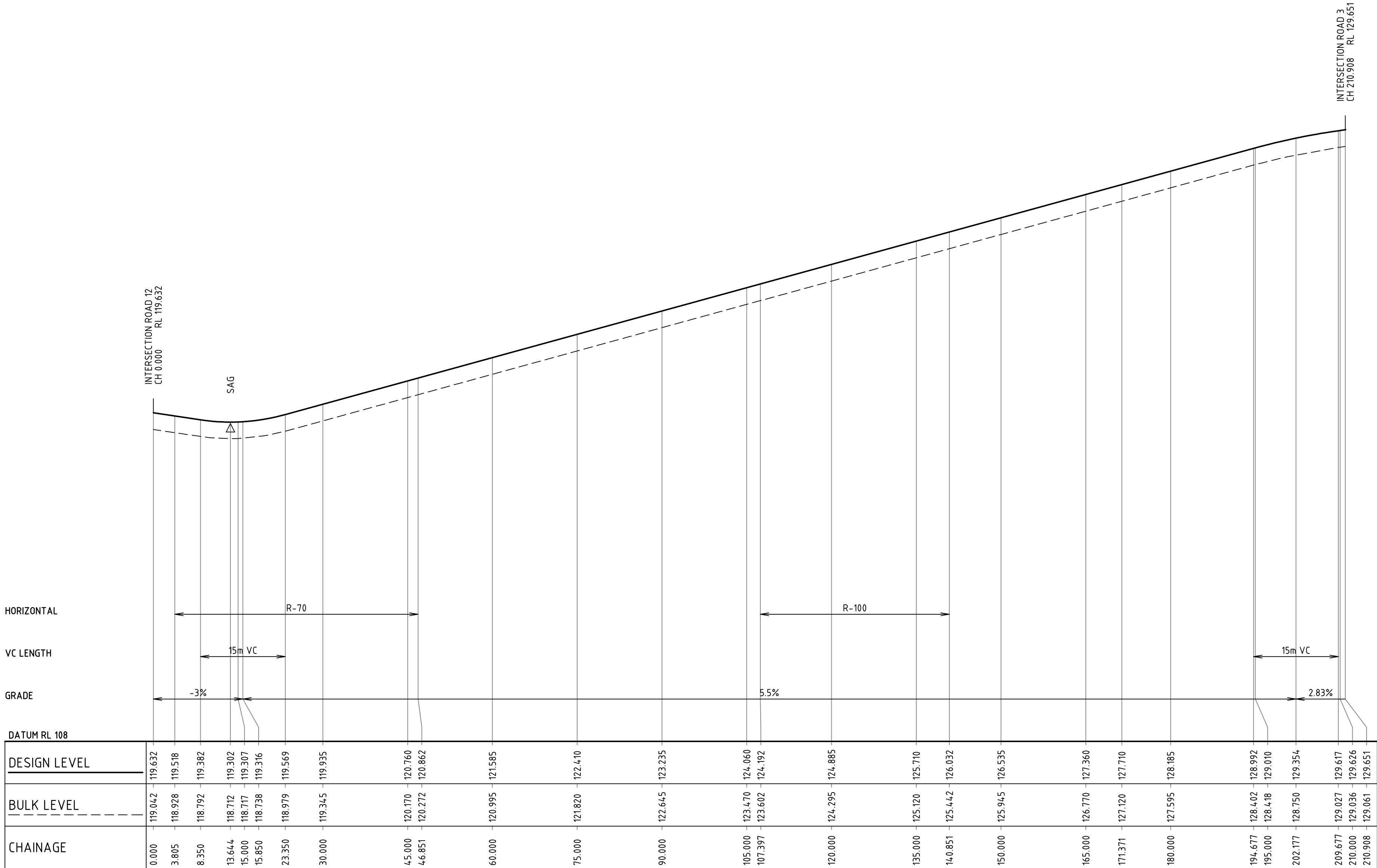


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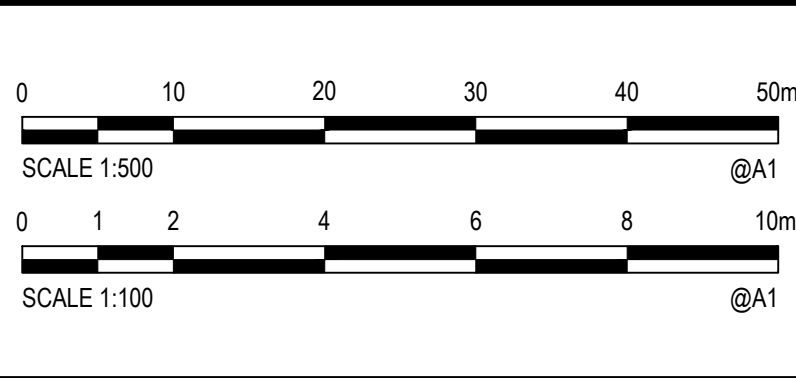



Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS			
Checked MKH	Date	Project EMERALD HILLS ESTATE STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION	Status <b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Designed CP	Date 06/01/2015		Datum	Scale AS SHOWN	Size A1
Verified	Date		Drawing Number NA50613004-027-CI-DA-2358	Revision 4	
Approved		Title STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 8 OF 11			






Rev.	Date	Description	Des.	Verif.	Appd.
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3	20/07/2015	RE-ISSUE FOR DEVELOPMENT APPLICATION			CP
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Drawn DB	Date 09/10/2014	Client EMERALD HILLS ESTATE C/O MACARTHUR DEVELOPMENTS
Checked MKH	Date	Project EMERALD HILLS ESTATE
Designed CP	Date 06/01/2015	STAGE 2-6 CIVIL WORKS DEVELOPMENT APPLICATION
Verified	Date	Title STAGE 2-3 ROAD LONGITUDINAL SECTIONS SHEET 9 OF 11
Approved		

Status <b>FOR APPROVAL</b>	
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Datum AHD	Scale AS SHOWN
Drawing Number NA50613004-027-CI-DA-2359	Revision 4