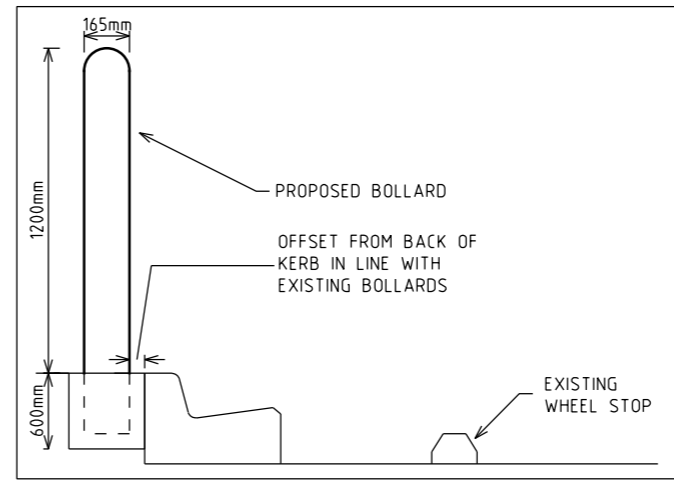




TYPICAL BOLLARD
(COLOUR TO BE DETERMINED BY COUNCIL)

NOTE:
ALL REMOVED BOLLARD LOCATIONS TO BE REINSTATED WITH ASPHALT FOOTPATH TO MATCH SURROUNDING PAVEMENT PROFILE AND LEVELS.

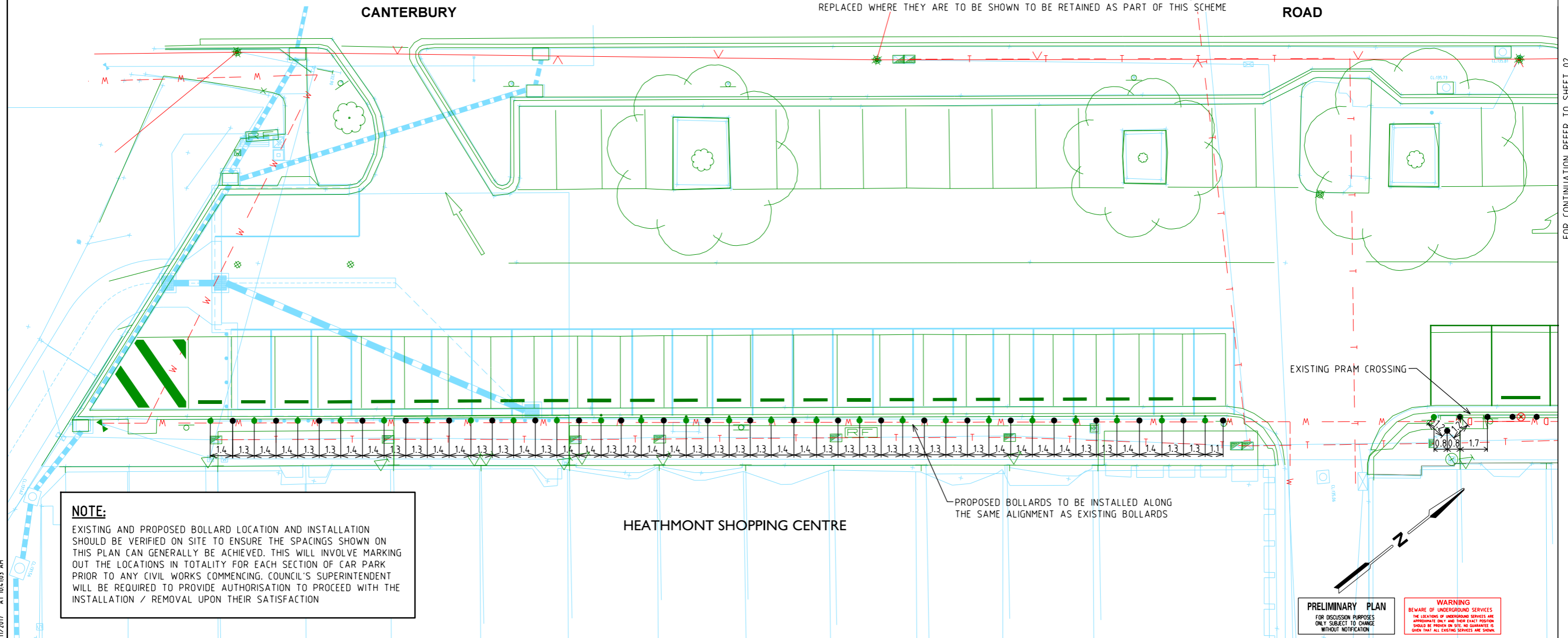
NOTE:
WATER AND TELSTRA SERVICES TO BE PROVED ON SITE PRIOR TO INSTALLATION OF PROPOSED BOLLARDS



TYPICAL PROPOSED BOLLARD DETAIL
(NOT TO SCALE)

1. REFER TO MANUFACTURERS DETAIL FOR SPECIFIC INSTALLATION DETAILS
2. BOLLARD SPACING IS 1.5m CENTRE TO CENTRE UNLESS NOTED OTHERWISE
3. ALL DAMAGED BOLLARDS I.E. THAT HAVE BEEN HIT AND ARE UNSERVICEABLE, ARE TO BE REPLACED WHERE THEY ARE TO BE SHOWN TO BE RETAINED AS PART OF THIS SCHEME

KEY		
●	EXISTING BOLLARD TO BE RETAINED	55 Nos.
⊗	EXISTING BOLLARD TO BE REMOVED	16 Nos.
●	PROPOSED BOLLARD	113 Nos.



NOTE:
EXISTING AND PROPOSED BOLLARD LOCATION AND INSTALLATION SHOULD BE VERIFIED ON SITE TO ENSURE THE SPACINGS SHOWN ON THIS PLAN CAN GENERALLY BE ACHIEVED. THIS WILL INVOLVE MARKING OUT THE LOCATIONS IN TOTALITY FOR EACH SECTION OF CAR PARK PRIOR TO ANY CIVIL WORKS COMMENCING. COUNCIL'S SUPERINTENDENT WILL BE REQUIRED TO PROVIDE AUTHORIZATION TO PROCEED WITH THE INSTALLATION / REMOVAL UPON THEIR SATISFACTION

PROPOSED BOLLARDS TO BE INSTALLED ALONG THE SAME ALIGNMENT AS EXISTING BOLLARDS

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVED ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PLOTTED BY : Aaron Whale
ON 02/11/2017 AT 10:4:193 AM

FOR CONTINUATION REFER TO SHEET 02

AMENDMENTS					
ISSUE	DATE	DESCRIPTION	BY	CHK.	APP.
P5	02.11.17	MINOR AMENDMENTS	A.W.	AP.	C.G.
P4	25.10.17	AMENDED AS PER COUNCIL'S COMMENTS	A.W.	AP.	C.G.
P3	20.09.17	AMENDED AS PER COUNCIL'S COMMENTS	B.K.	AP.	C.G.
P2	25.07.17	MODIFICATIONS FOLLOWING COUNCIL COMMENTS	A.W.	C.G.	C.G.
P1	04.07.17	INITIAL ISSUE	A.W.	C.G.	C.G.

GENERAL NOTES

1. ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
2. BASE INFORMATION OBTAINED FROM FEATURE AND LEVEL SURVEY FROM DV ENGINEERING DATED 14 APRIL 2007. GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE ON WHICH THE SETOUT DETAIL IS BASED. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
3. DECLARED MAIN ROAD - CANTERBURY ROAD - SPEED ZONE 60KM/H

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DRAWN A. WHALE	DRAFTING CHECK -
APPROVED BY -	DATE APPROVED FOR INITIAL ISSUE 04 JULY 2017
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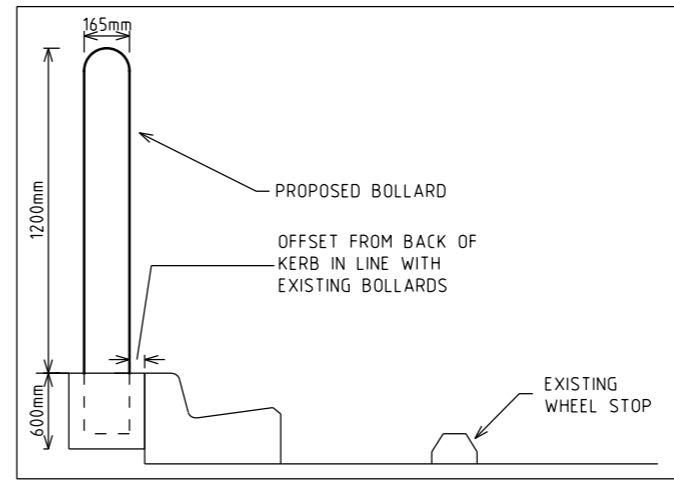
CLIENT	MAROONDAH CITY COUNCIL		
HEATHMONT SHOPPING CENTRE CANTERBURY ROAD, HEATHMONT			
PROPOSED BOLLARD LAYOUT PLAN			
MAP REF. 50/B12	DRAWING NO. V131190-01-01	SHEET 01 OF 03	ISSUE P5



TYPICAL BOLLARD
(COLOUR TO BE DETERMINED BY COUNCIL)

NOTE:
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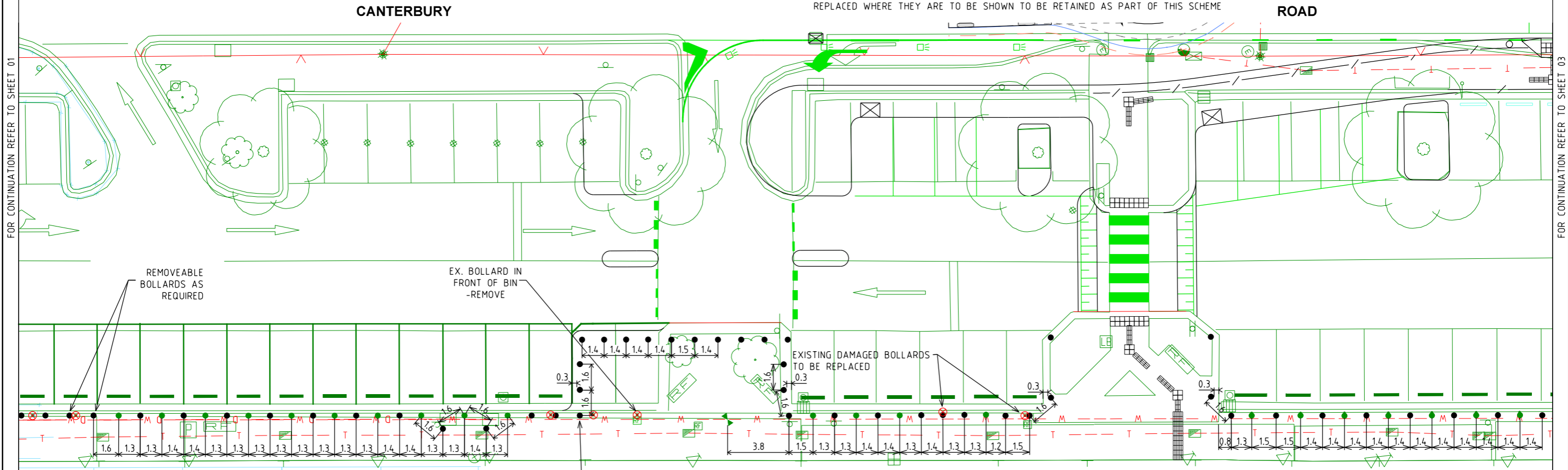
NOTE:
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TYPICAL PROPOSED BOLLARD DETAIL
(NOT TO SCALE)

KEY		
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⊗	EXISTING BOLLARD TO BE REMOVED	16 Nos.
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NOTE:
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PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

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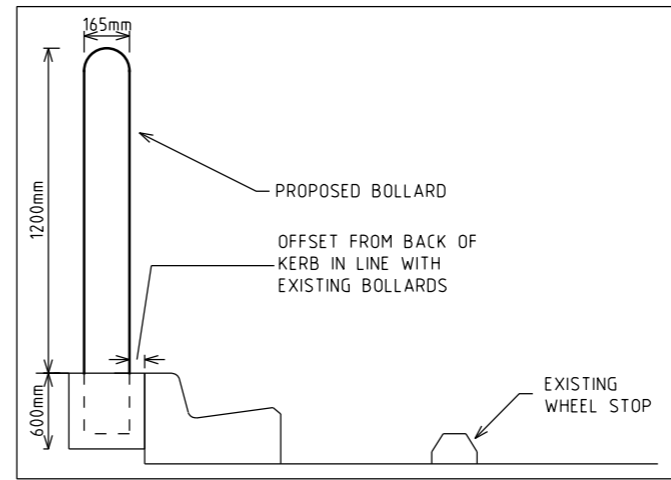
CLIENT	MAROONDAH CITY COUNCIL		
HEATHMONT SHOPPING CENTRE CANTERBURY ROAD, HEATHMONT			
PROPOSED BOLLARD LAYOUT PLAN			
MAP REF. 50/B12	DRAWING NO. V131190-01-02	SHEET 02 OF 03	ISSUE P5



TYPICAL BOLLARD
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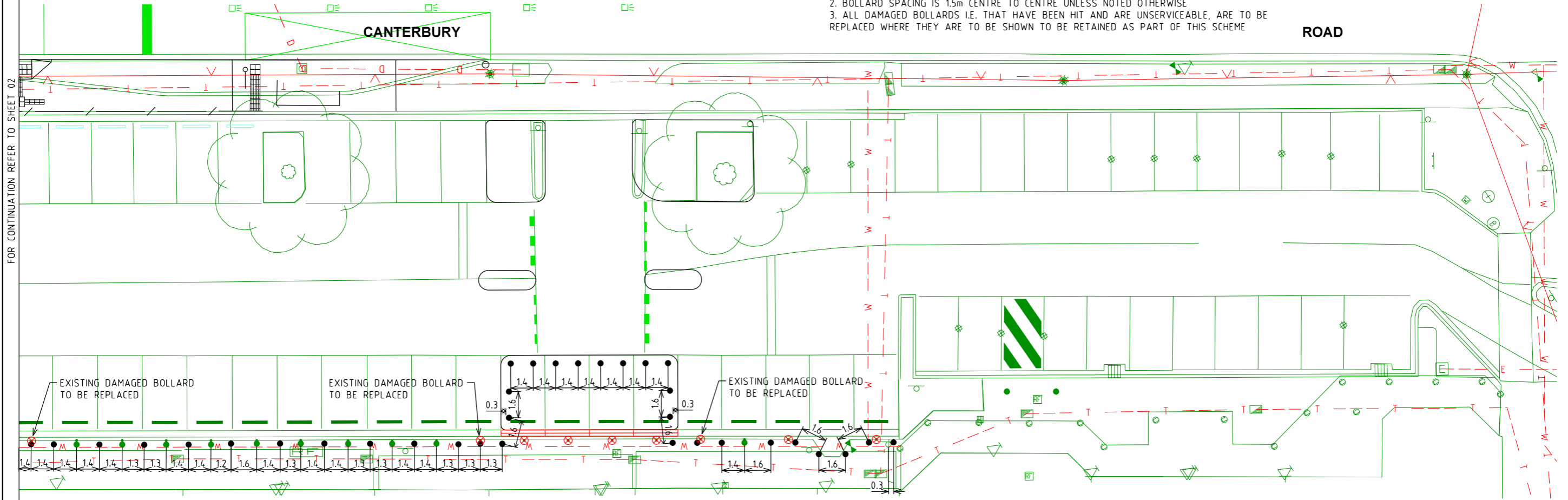
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HEATHMONT SHOPPING CENTRE

FOR CONTINUATION REFER TO SHEET 02

ON 02/11/2017 AT 10:4:193 AM
PLOTTED BY : Aaron Whale

AMENDMENTS					
ISSUE	DATE	DESCRIPTION	BY	CHK.	APP.
P5	02.11.17	MINOR AMENDMENTS	A.W.	A.P.	C.G.
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CLIENT **MAROONDAH CITY COUNCIL**

HEATHMONT SHOPPING CENTRE
CANTERBURY ROAD, HEATHMONT

PROPOSED BOLLARD LAYOUT PLAN

MAP REF. 50/B12 DRAWING NO. V131190-01-03 SHEET 03 OF 03 ISSUE P5

PRELIMINARY PLAN
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