

23 March 2017

Chris Ritchie
Director Industry Assessment
Department of Planning & Environment
23-33 Bridge Street
SYDNEY NSW 2000

Attn: Thomas Piovesan, Planning Officer Industry Assessments

Dear Chris,

DEXUS QUARRYWEST PROJECT (SSD 6801) - SECTION 96 MODIFICATION (MOD 3) - RESPONSE TO SUBMISSIONS

DEXUS Quarry WEST Subtrust (DEXUS) is proposing to modify the development consent for the QuarryWEST Project within the Greystanes Southern Employment Lands. The proposed modification involves relatively minor changes to the layout of Precinct B of the estate, and is described in the Statement of Environmental Effects (SEE) for the proposal dated 17 February 2017.

The Department of Planning & Environment (the Department) received submissions from 3 government authorities in response to the exhibition/referral of the SEE, namely:

- Roads and Maritime Services (RMS);
- Blacktown City Council; and
- Cumberland Council.

RMS and Cumberland Council did not raise any objections or issues associated with the proposed modification. Blacktown City Council did not raise any objections, although it requested that DEXUS provides 'details of the necessity for the increased height, for example is this essential to accommodate a racking system', in order to demonstrate the need for the increased height.

In this regard, DEXUS has provided additional information on the operational need for the increased building height of Warehouse B2, which is attached as **Attachment A**. In summary, the increased height is required as a result of:

- the high clearance/high density materials handling equipment (MHE) system that is proposed to be installed within the building. The MHE system has a height of 12.7 metres, and to meet fire regulations a ceiling with sprinkler protection is required to be suspended from the structure at a height of 13.7 metres; and
- an increased roof pitch (2.5 degrees) to address the risk associated with increased hail loads as experienced in Sydney in recent years (which have lead to some notable warehouse collapses).

Additional justification for the increased height of Warehouse B2, from a planning and environmental perspective, is provided in the SEE.

In addition to Council's comments, the Department has also requested:

- updated estate elevations and sections showing the proposed modifications; and
- revised versions of stormwater plans (DA41 and DA 46) to correct revision and date details.

The updated estate elevations and sections are attached as **Attachment B**, and the updated stormwater plans are attached as **Attachment C**. It is noted that all of the civil/stormwater plans required updating to correct the revision details, and as such the complete set of civil plans (and review report) is provided in Appendix C.



I trust that the additional information provided in this response adequately addresses the comments raised by the Department and Blacktown Council. Should you have any enquiries in relation to this matter, please do not hesitate to contact me on 0400 392 861.

Yours faithfully,

**PJEP – Environmental Planning** 

**Phil Jones** 

Principal Environmental Planner

Cc: DEXUS, Tactical Group

Attachments: Attachment A DEXUS Letter – Warehouse B2 Building Height

Attachment B
Attachment C
Revised Architectural Design Plans – Estate Elevations and Sections
Revised Civil Design Plans/Review (including Stormwater Review)

RTS\_MOD 3\_Mar17 Page 2



# ATTACHMENT A



23 March 2017

Judith Portelli Blacktown City Council 62 Flushcombe Road Blacktown NSW 2148 **DEXUS Projects Pty Limited** 

ABN: 81 134 991 932

Australia Square Tower Level 25, 264 George Street Sydney NSW 2000 PO Box R1822 Royal Exchange NSW 1225

Tel: 02 9017 1100

Fax: 02 9017 1100

Dear Judith,

Re: SSD 6801 Mod 3 QuarryWEST Project, DEXUS Estate, Warehouse and Distribution Centre, Reconciliation Road, Pemulwuy, section 96 modification application

In response to your request dated 16 March 2017 for the details of the necessity for the increased height for Warehouse B2 within the section 96 modification application, please see the below summary:

The application to increase the warehouse height to 17.4 metres is a result of recently securing Symbion Pty Ltd for a new warehouse and office building within the QuarryWEST estate. This will be Symbion Pty Ltd second facility within the estate and this part of the business will be relocating from 55 Kirby Street, Rydalmere brining with it a workforce of up to 160 employees.

Symbion Pty Ltd propose to fitout the warehouse with a new state of the art high clearance/high density materials handling equipment (MHE) system, part of which will be automated. This MHE system will be used for the warehousing and distribution of pharmaceutical products.

The building is designed to accommodate this MHE system which will have product stored up to a maximum height of approximately 12.7 meters across the entire facility. In order to comply with fire regulations a ceiling with sprinkler protection is required to be suspended from the structure at 13.7 metres in order to provide adequate fire protection to the building.

Installing the ceiling within the warehouse will also provide energy efficiencies that will deal with the forecast temperature increases, this will allow for a better building performance operationally and for simpler / safer maintenance of plant within a ceiling space.

It should be noted that the structural design has not only had regard for the above but also has considered recent weather events in western Sydney with the roof pitch increased to 2.5 degree (from a eaves height of approximately 14.9 metres) in order to offset the risk of potential hail loads that have been recently experienced. Should the roof pitch be reduced to approximately 1.0 degrees as adopted on some warehouse projects the ridge height would reduce to circa 15.5 metres, this design would not be covered by a roof sheet warranty or be considered safe.

This new MHE system is critical to Symbion's operation moving forward and will allow for future growth within this building over the term of lease which could be up to 35 years.

Should you require further information or wish to discuss this matter further, please contact me on the below sign off.

Yours sincerely,

Andrew Needham

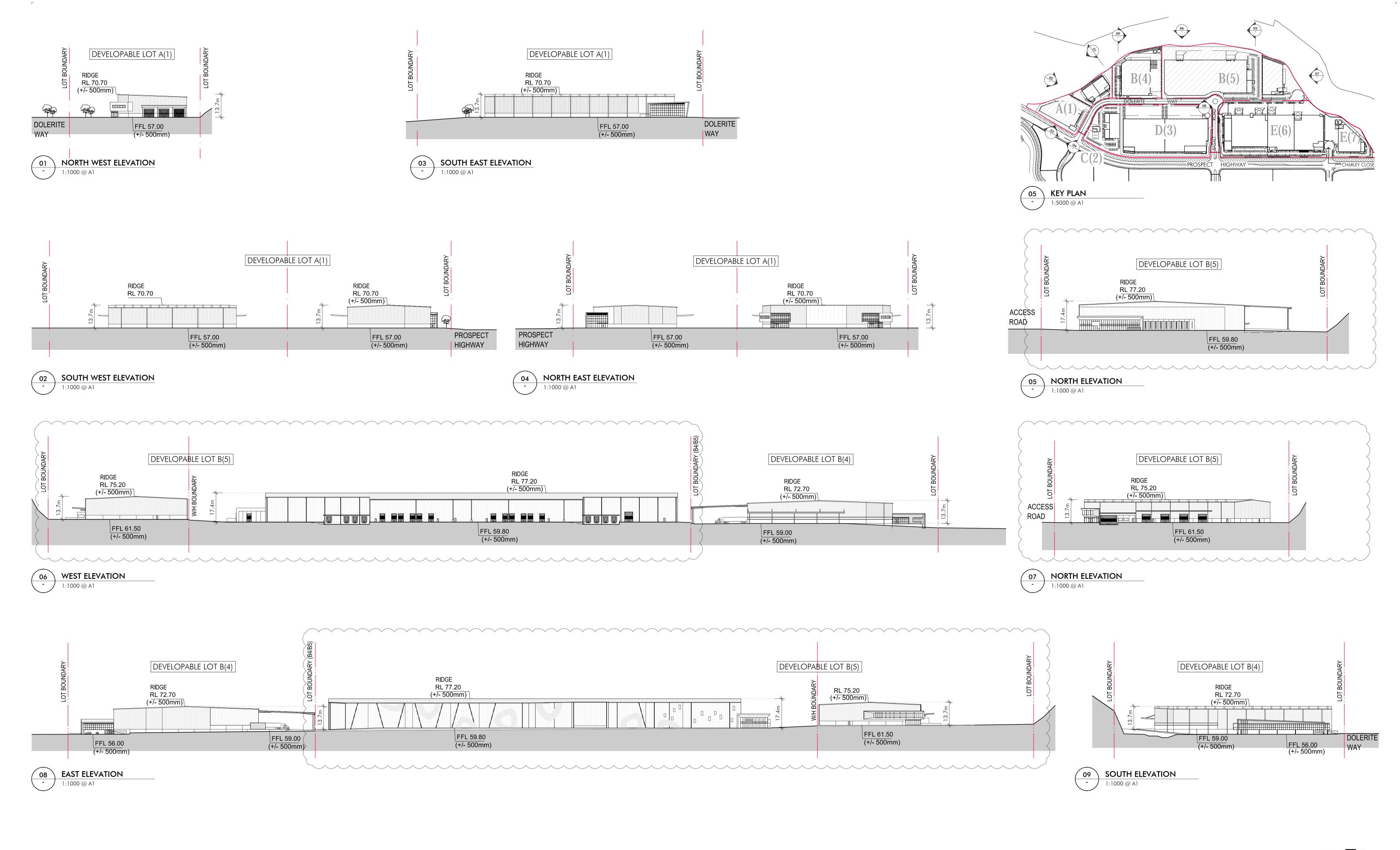
Development Manager

Tel: 02 9017 1269 Fax: 02 9017 1297 Mob: 0403 731 272

Email: andrew.needham@dexus.com

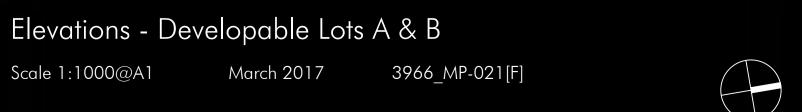


### ATTACHMENT B



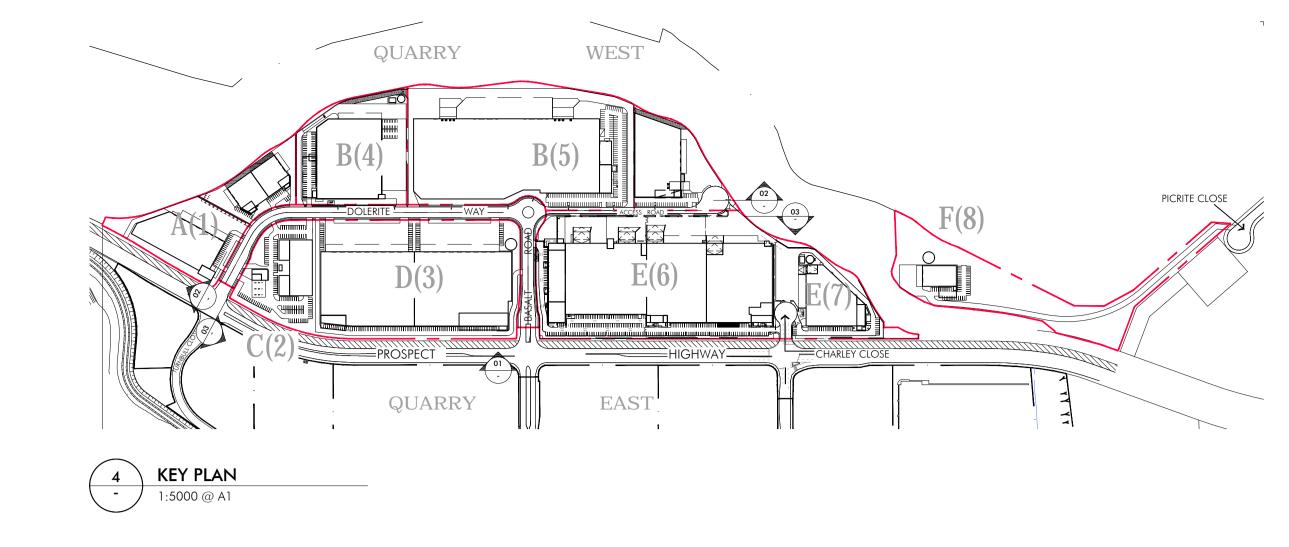
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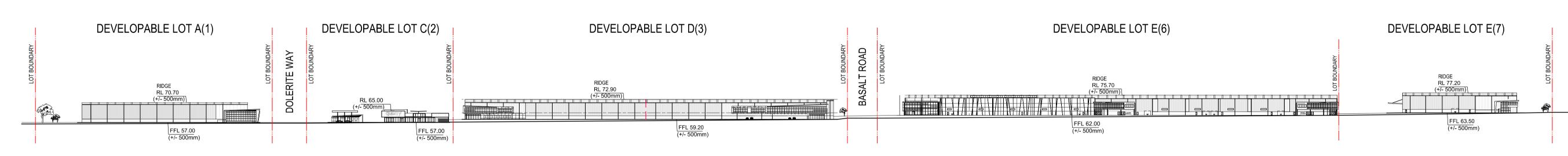




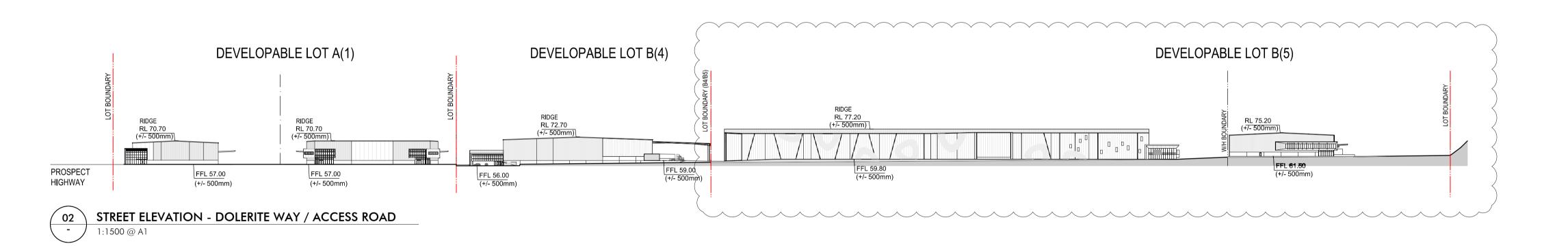


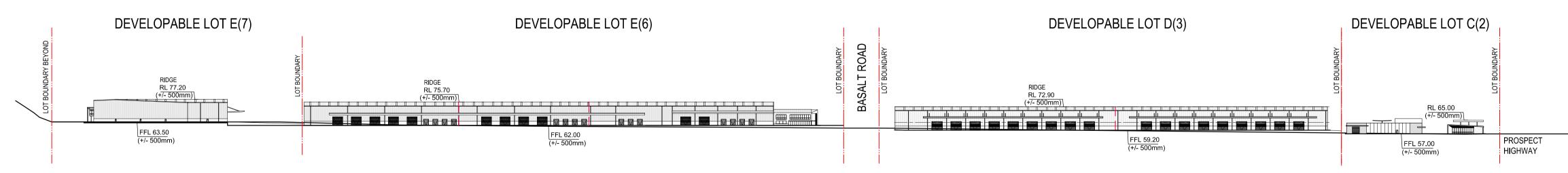






STREET ELEVATION - PROSPECT HIGHWAY





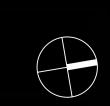
STREET ELEVATION - ACCESS ROAD / DOLERITE WAY

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QUARRY WEST MASTERPLAN

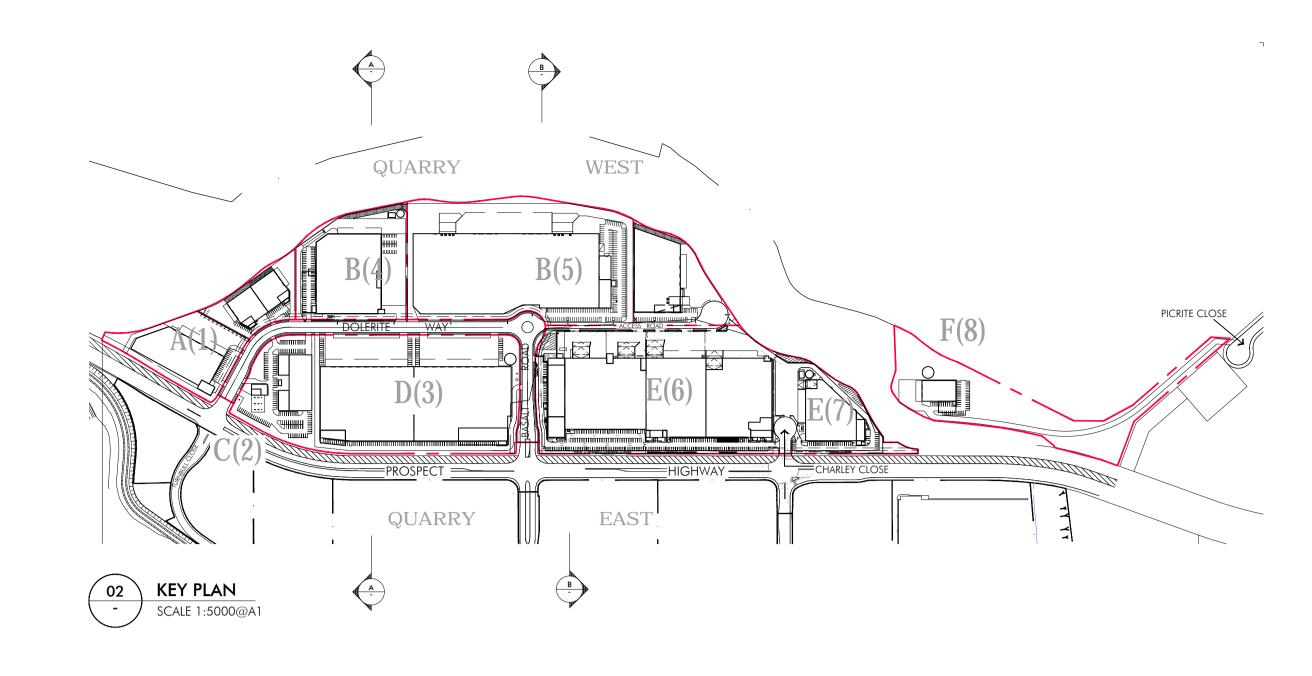
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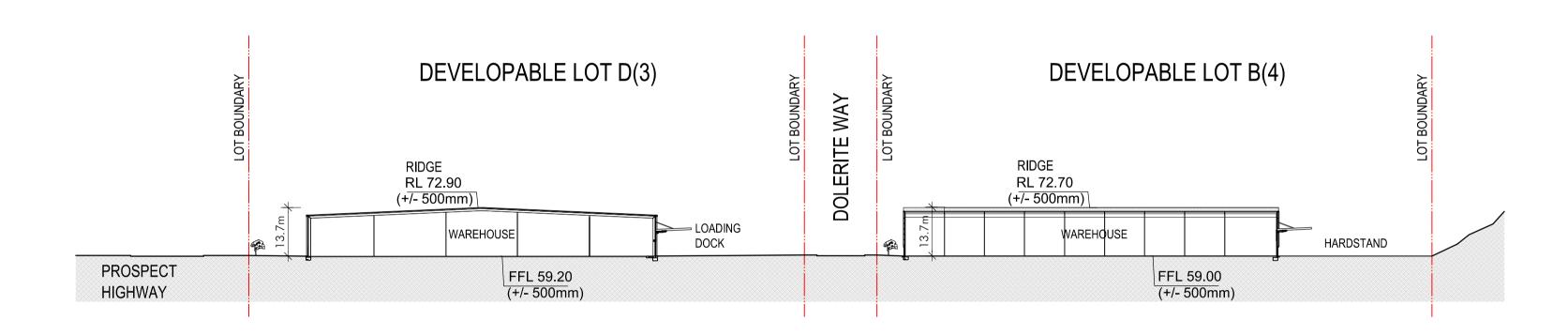




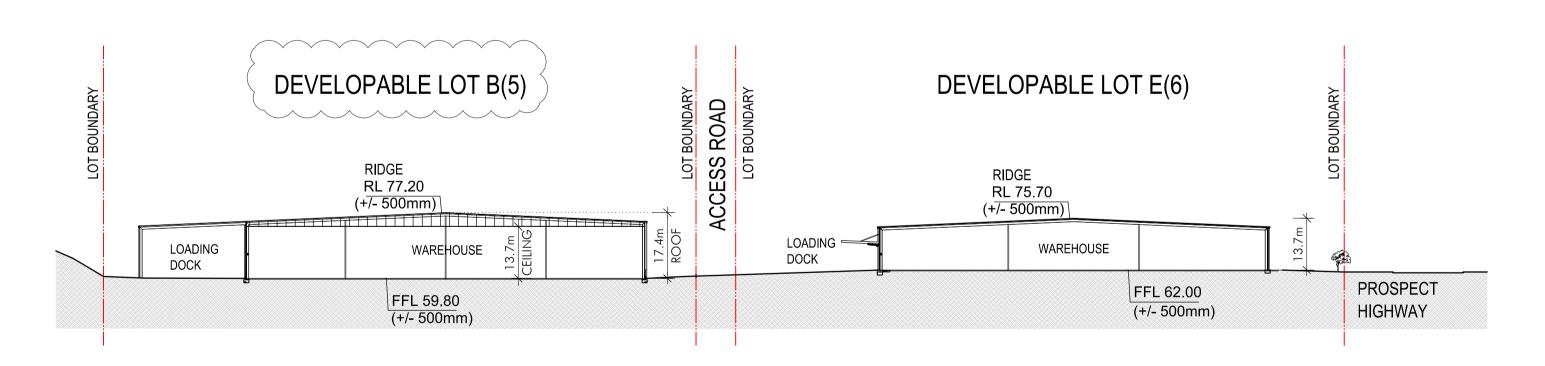








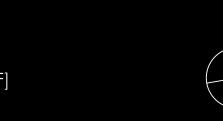




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# ATTACHMENT C

Costin Roe Consulting Pty Ltd
ABN 50 003 696 446
Level 1, 8 Windmill Street, Walsh Bay
PO Box N419, Sydney, NSW, 1220, Australia
tel: (02) 9251 7699 fax: (02) 9241 3731
email: mail@costinroe.com.au
web: www.costinroe.com.au

13 February 2017

DEXUS Wholesale Management Limited (ACN 159 301 907) as trustee for DEXUS Quarry West Subtrust (ABN 65 043 801 812) c/- Tactical Project Management Attention: Mr Terry Timso
Level 15
124 Walker Street
NORTH SYDNEY NSW 2060

Dear Sir

### Re: Lot 18 DP 270644, Greystanes Southern Employment Land (Boral Land) Section 96 Application SSD\_6801

We provide this letter relating to a proposed Section 96 application to the Greystanes Southern Quarry West project approved under SSD\_6801. Specifically this letter covers the civil engineering aspects of the amendment.

The Section 96 Application is for an amendment to the approved layout defined in SSD\_6801, and to the previous two Section 96 Applications dated 29 April 2016 and 20 September 2016. The main component of the current amendment is for an adjustment to the approved masterplan lot layout in Precinct B.

A set of civil engineering drawings were completed by Costin Roe Consulting during 2015 and subsequently during 2016 as noted above. The following drawings have now been updated to show the new masterplan layout and adjustments to the engineering design:

- Co10529.34-DA40 [I] Site Masterplan
- Co10529.34-DA41 [I] Civil Works Plan Sheet 1
- Co10529.34-DA42 [I] Civil Works Plan Sheet 2
- Co10529.34-DA46 [K] Stormwater Management/Water Quality

We have also provided a summary of the engineering components of the development which will change from, or remain consistent with, the approved SSD\_6801 development, and previous Section 96 Application of 20 September 2016. The summary of design elements are as follows:

#### 1. Development Layout:

The development layout differs from the previous submission in that the arrangement of the development lots on the northern side of Dolorite Close within Precinct B have been adjusted.

Warehouse B1 is now constructed and the adjustments to the masterplan relate to Warehouse B2 and Warehouse B3. The lot layouts to the east and south of the estate road



are generally consistent with the previous application. Some minor changes to car park arrangement to the north of Warehouse B3 have also been made. The floor level of warehouse B1 remains consistent with the previous application however Warehouse B2 and B3 have been amended to suit access from Dolerite Close, to meet flood planning requirements and to achieve cut to fill of earthworks over the site. It is noted that the final building level will be subject to detail geotechnical and earthwork volume assessment and may vary +/-500mm from the nominated level.

### 2. Stormwater Management & Layout:

The Stormwater Management Strategy for the site will remain generally consistent with the approved configuration produced by Costin Roe in 2015 and the overall Quarry Estate Management defined by GHD in 2006. The overall impervious surface area also remains generally consistent with the approved masterplan layout, hence stormwater runoff rates remain consistent with the approval and overall Quarry Estate Management Plan.

Minor adjustments to the locations of the bio-retentions within the site have been made. The basin to the north of Warehouse B2 & Warehouse B3 has been adjusted as a result of the carpark arrangement specified above. It can be confirmed that the minimum required 3000m<sup>2</sup> of bio retention, as defined in SSD\_6801, has been provided.

All stormwater runoff will remain being directed to the perimeter drainage channel on the western boundary of the development which ultimately conveys stormwater to the estate level detention basin provided off site and known as the Widemere East basin.

We trust the above information meets your current needs. Please do not hesitate in contacting the undersigned if any further clarification is required.

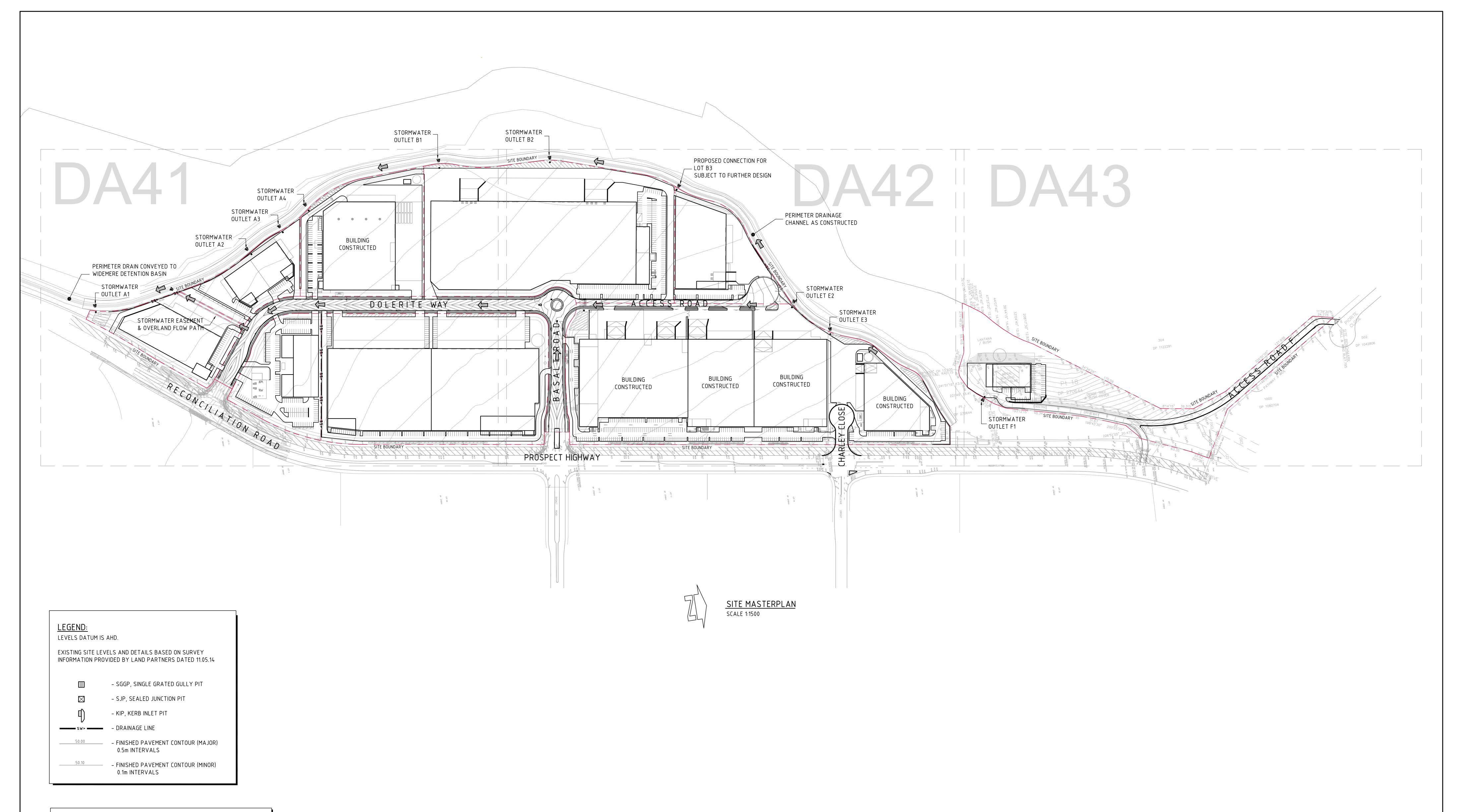
Yours faithfully,

MUIL

COSTIN ROE CONSULTING PTY LTD

MARK WILSON MIEAust CPEng NER

Director



WATER QUALITY NOTE:

ALL DEVELOPMENT SITES TO PROVIDE AN END-OF-LINE GROSS POLLUTANT TRAP PRIOR TO CONNECTION TO ESTATE INFRASTRUCTURE SYSTEM OR TO PERIMETER DRAINAGE CHANNELS.

FOR 596 MODIFICATION

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