

**CK 1 CONCRET CARPARK / KERB DETAIL**  
A01 SCALE 1:10

**IW 1 INTERNAL WALL LINING**  
SCALE 1:10

**TW 1 TREE WELL**  
A01 SCALE 1:20

**Drainage Areas**

Carpark 3-9	= 95.650m <sup>2</sup>
Carpark 1-3	= 42.400m <sup>2</sup>
Paving Area	= 37.810m <sup>2</sup>
Building Roof Area	= 370.912m <sup>2</sup>
<b>TOTAL</b>	<b>= 546.772m<sup>2</sup></b>

**DRAINAGE CALCULATIONS - AS/NZ 3500.3**  
 Roof and carpark area = 546.772m<sup>2</sup>  
 Storage volume required = 547 x 0.133 = 7.275m<sup>3</sup>  
 1800dia x 1800deep soakwell capacity = 17.3m<sup>3</sup>  
 Storage volume provided = 1(soakwells) = 17.30m<sup>3</sup>  
 Carpark storage is additional = 17.30m<sup>3</sup> (min)  
 Total provided = 34.6m<sup>3</sup>

**City Of Wanneroo PLANT LEGEND**

- 1. Kangaroo Paws ----- Shrub ---- up 1m x 1m sp
  - 2. Yellow-eyed Flame bush ----- Shrub ---- up to 4 metres
  - 3. Matt Rush ----- Shrub ---- Up 1m x 1m sp
  - 4. Bottlebrush ----- Shrub ---- up to 2 x 2m sp
  - 5. Mugga Ironbark ----- Medium Tree ---- up to 8 metres  
**Shade Tree**
  - 6. Red Flowering Gum ----- Medium Tree ---- 8 metres  
**Shade Tree**
  - 7. River Sheek ----- Tall tree ---- Up to 12-15 metre
- Note --** Verge trees to be planted in accordance with council specification in relation to visibility

**AREA REPORT**

GF GYM AREA	378.018m <sup>2</sup>	@ 1/50m <sup>2</sup> = 7.56 bays
SUB TOTAL	378.018m <sup>2</sup>	
DEDUCT STAIRS	-00.000m <sup>2</sup>	@ 1/30m <sup>2</sup> = -0.000 bays
<b>TOTAL AREA</b>	<b>378.018m<sup>2</sup></b>	<b>Total Bays = 7.56 bays</b>

**Footprint** 378.018m<sup>2</sup>      **Parking** 9 Bays  
**Provided external parking = 9 Bays**  
**allow additional 0 bays internally**  
**Site Area = 744m<sup>2</sup>**  
**Site Coverage = 50.808% OK**

**VENTILATION REPORT**

**FITNESS CENTRE** (370.912m<sup>2</sup> = 18.545m<sup>2</sup> of ventilation)

Main Entry Doors 4.294m<sup>2</sup> x 2 = 8.588m<sup>2</sup>

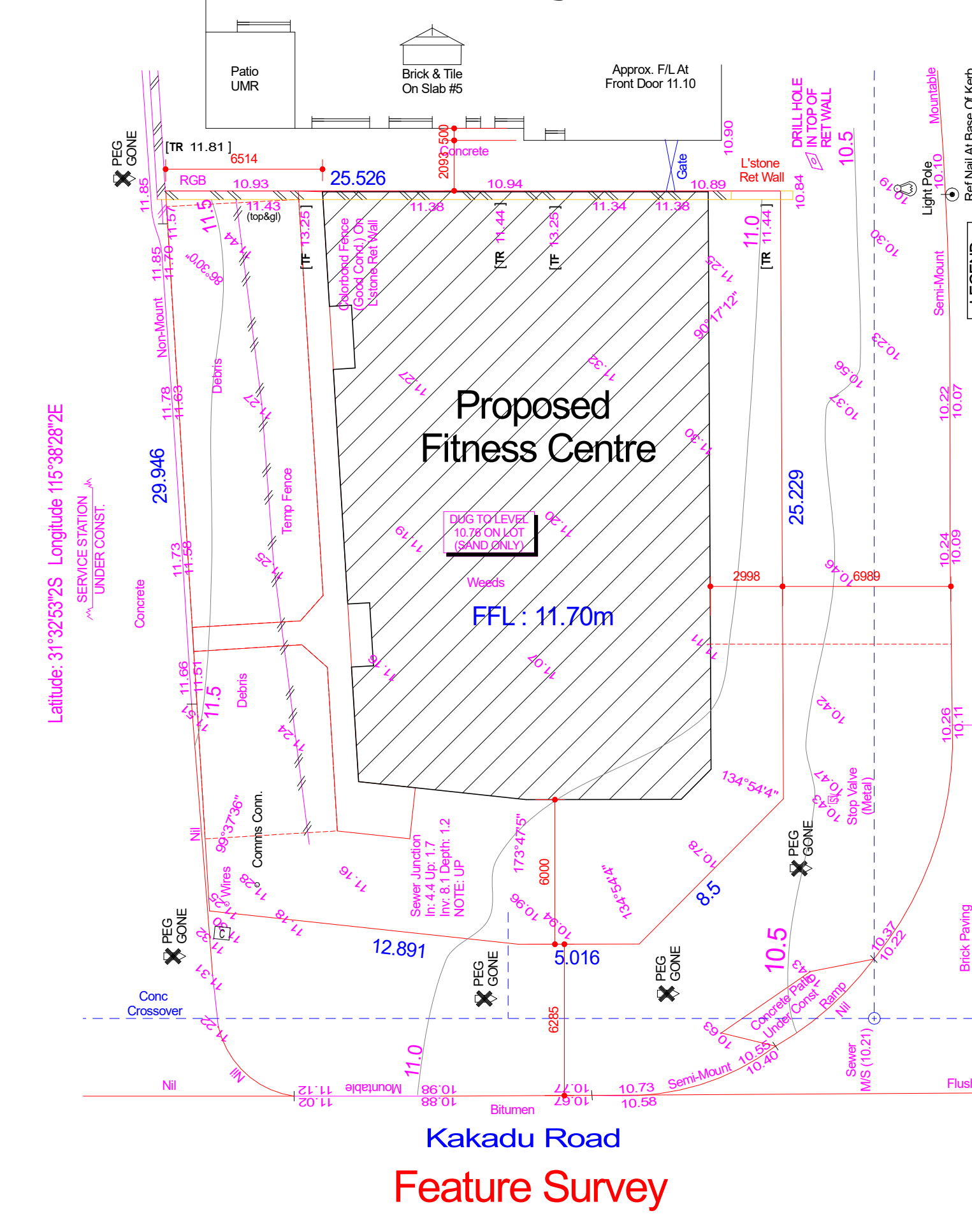
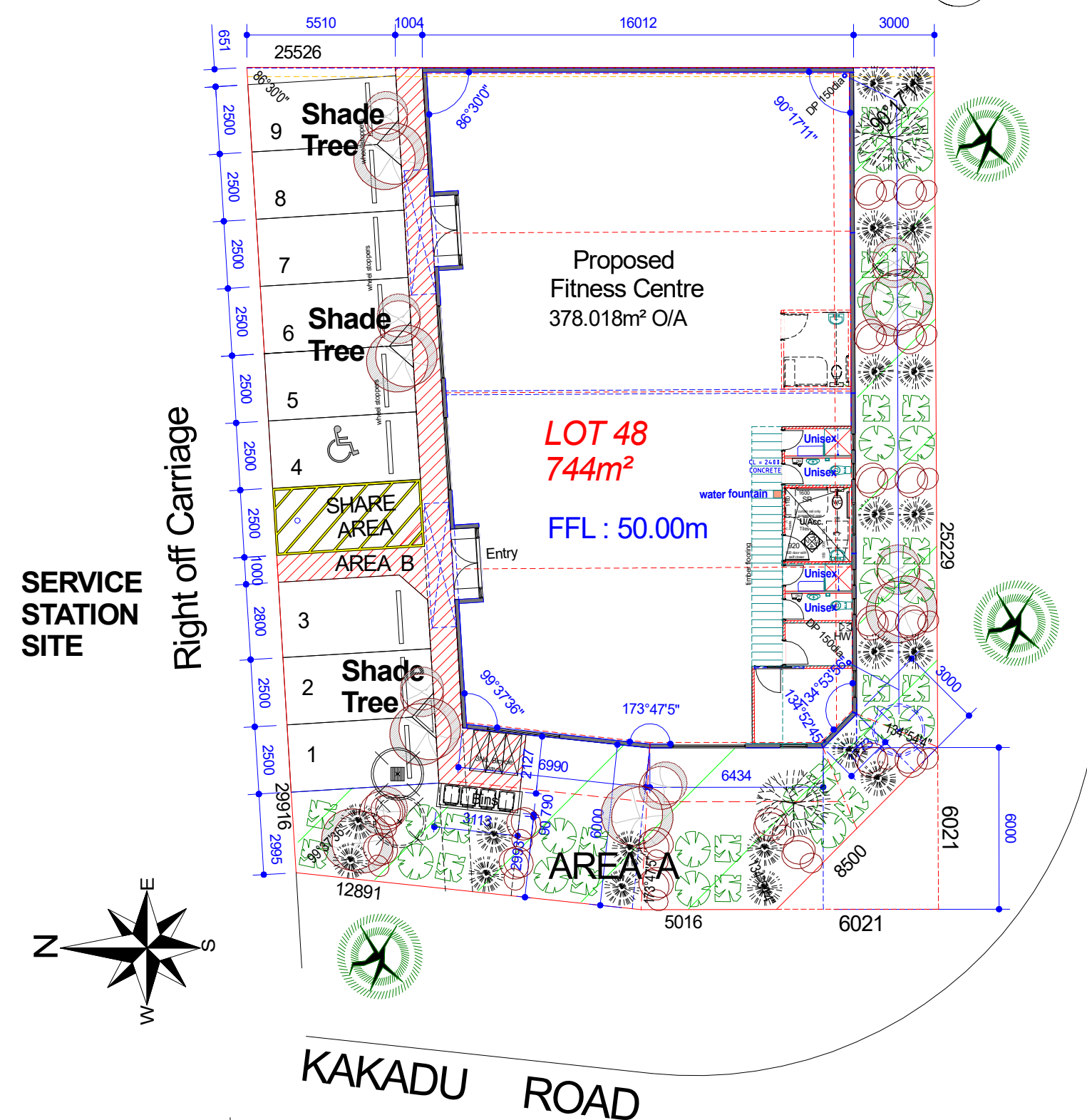
This is OK as this is freeze plant area

300dia Rotary Vents 0.07068x0	= 0.000m <sup>2</sup>
ACTUAL VENTILATION	= 77.092m <sup>2</sup>
REQUIRED VENTILATION 5%	= 75m <sup>2</sup>
SHORTFALL	= 0m <sup>2</sup>

Design Complies - **"OK"** as DTS

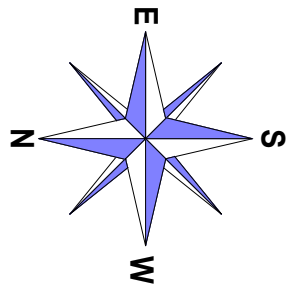
**LANDSCAPING REPORT**

Area "A"	176.406m <sup>2</sup>
Area "B" Paving	37.810m <sup>2</sup>
<b>TOTAL AREA</b>	<b>214.216m<sup>2</sup></b>
<b>Council Requirement 8%</b>	<b>= 59.52m<sup>2</sup></b>
<b>Paved area = 37.810m<sup>2</sup></b>	
<b>Site Area = 744m<sup>2</sup></b>	
<b>Site Coverage = 28.79% is "OK"</b>	



**Feature Survey**

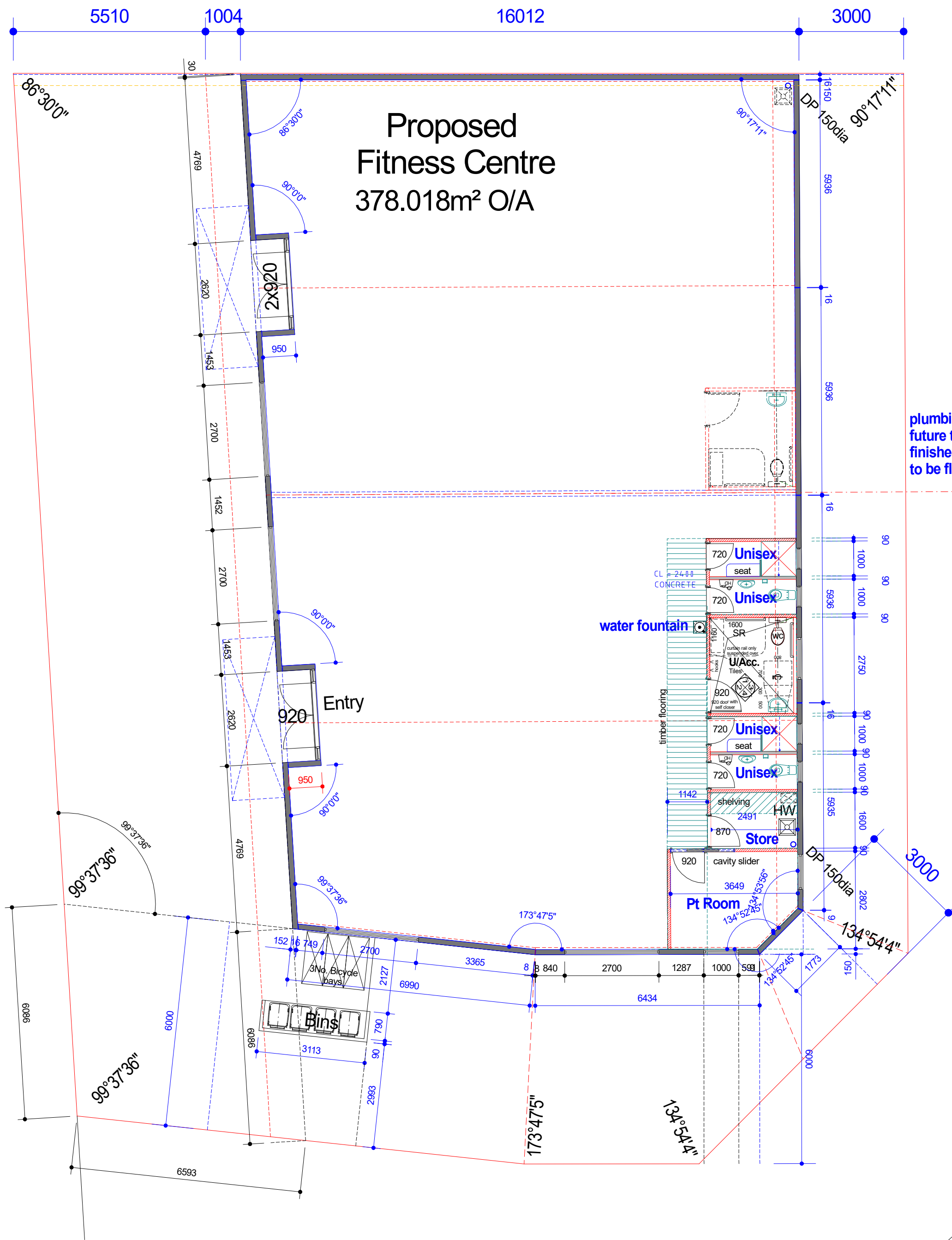
**DA APPLICATION**  
**Revised Landscaping**



Right off Carriage

AVON ROAD

KAKADU ROAD



**Ablutions & Amenities**

Male Toilets	5.627m <sup>2</sup>
Disabled Unisex	7.562m <sup>2</sup>
Female Toilets	5.627m <sup>2</sup>
Store Room	4.129m <sup>2</sup>
Pt Room	10.100m <sup>2</sup>
<b>TOTAL AREA</b>	<b>33.044m<sup>2</sup></b>

# DA APPLICATION

draft 14



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CLIENT **Zafco Holdings**  
**FITNESS CTRE**  
To be Erected on - LOT 48  
Avon Crt  
YANCHEP

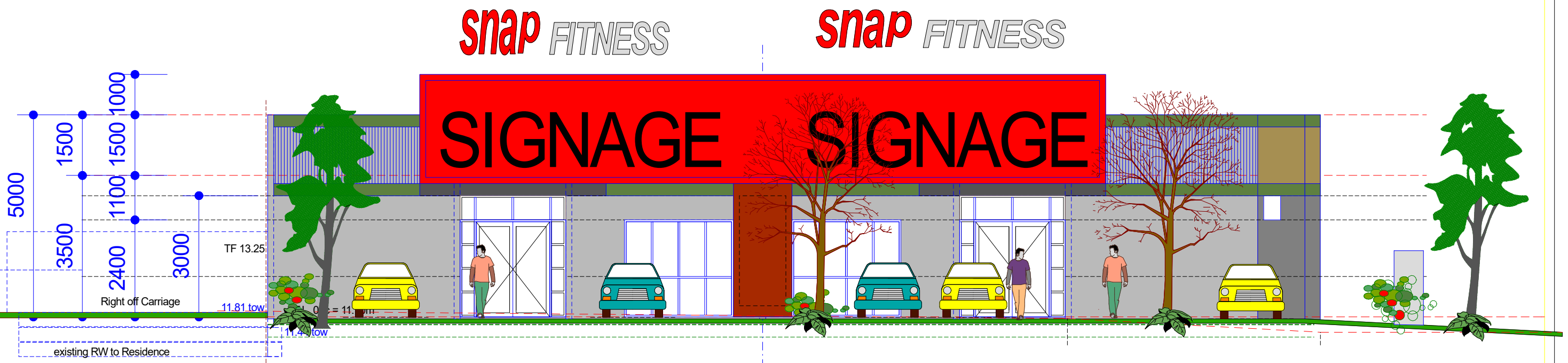
VARIATIONS No.	Description	Date / Dm

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20/03/2017  
SCALE  
1: 100

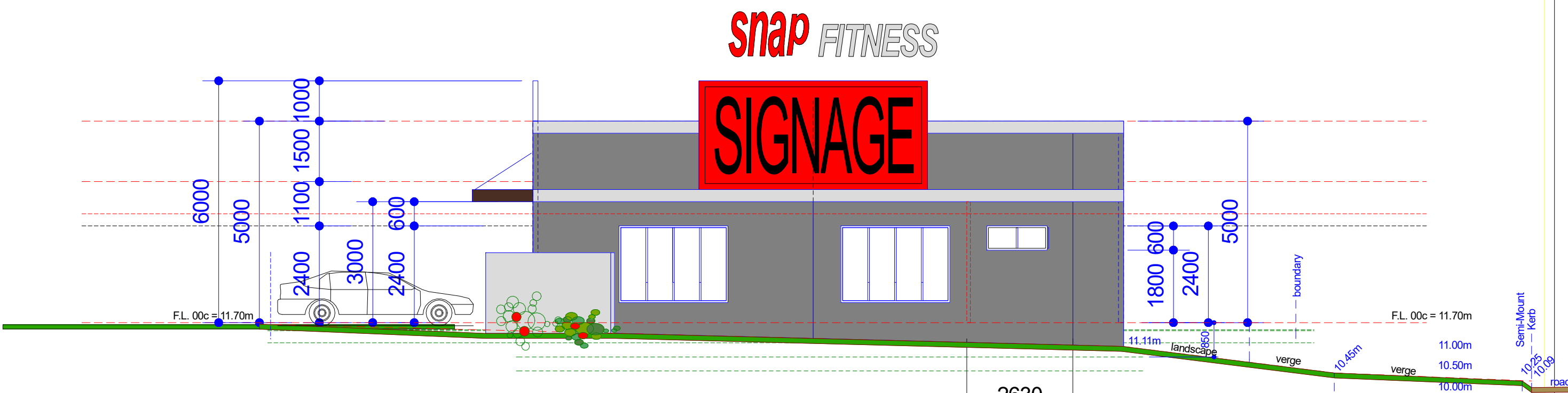
JOB No.  
**16407**

CONSTRUCTION  
**GF PLAN**  
PRESTART  
**A02-4**

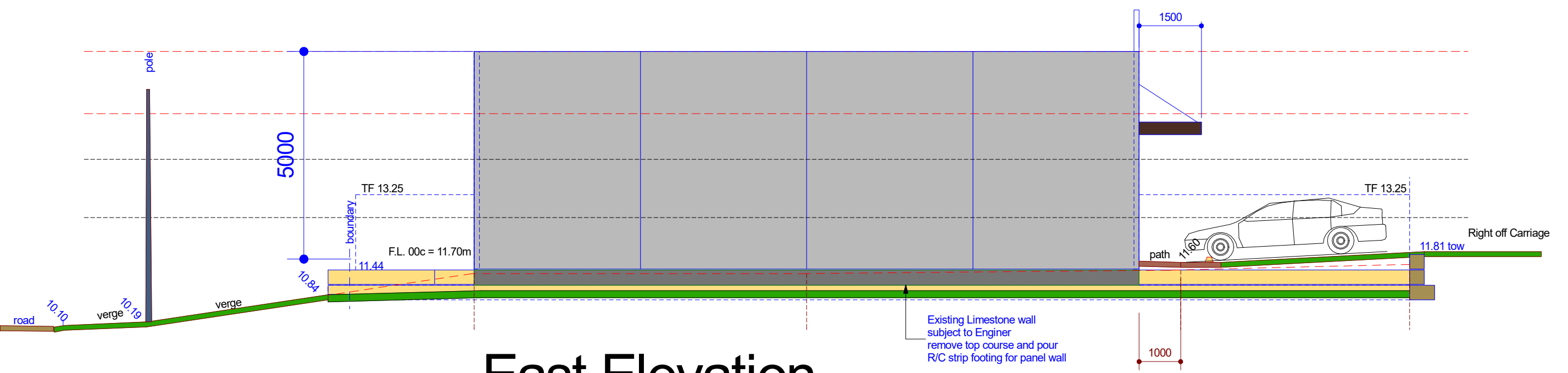




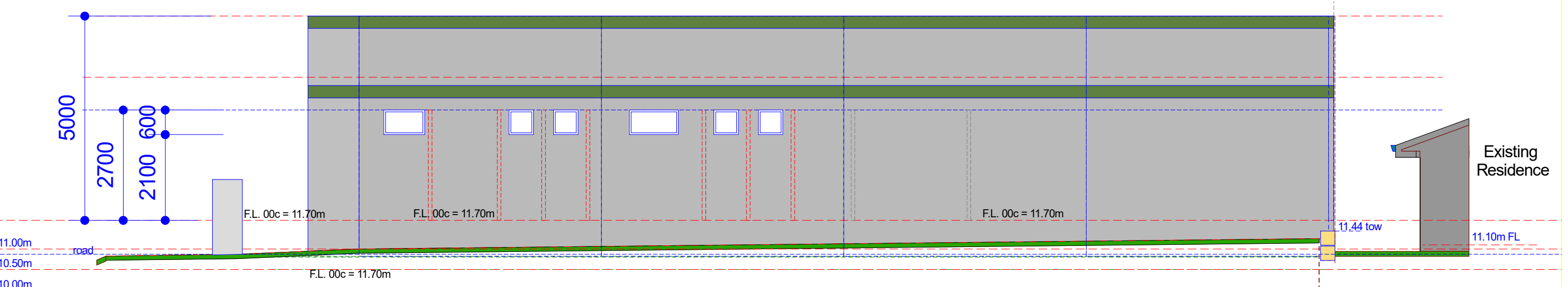
North Elevation



West Elevation



East Elevation



South Elevation

DA APPLICATION

Print on A2



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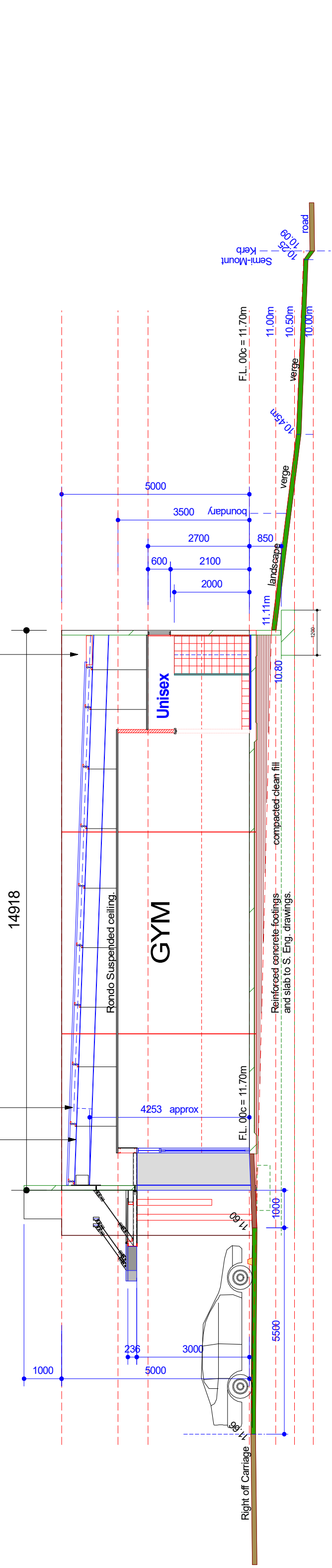
VARIATIONS  
No. Description Date / Dm

DRAWN : **NAJ**  
20/03/2017  
SCALE  
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JOB No.  
**16407**  
CONSTRUCTION  
**ELEVATIONS**  
PRESTART  
**A03-4**

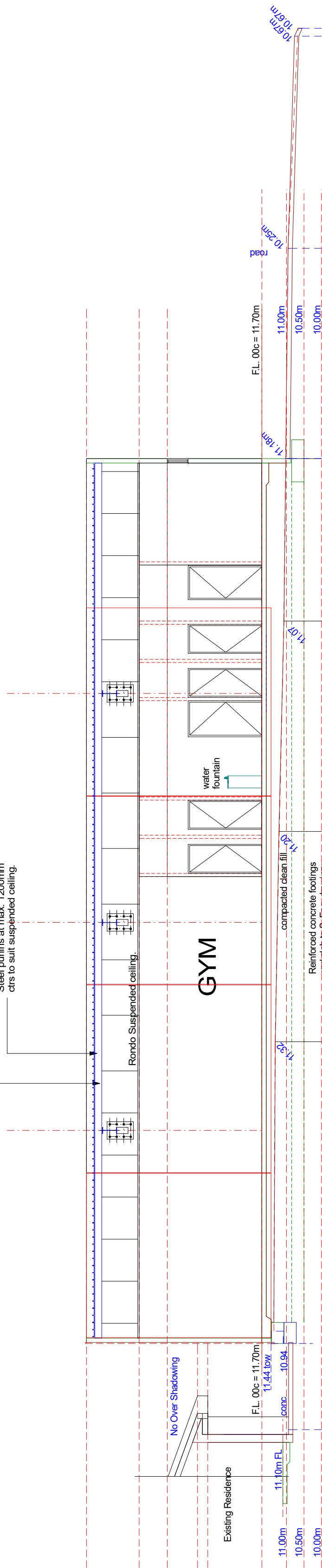
450mm wide x 150mm deep x 0.8mm zincalume box gutter. Gutter to fall to 300 x 300 x 75 deep x 0.8mm sumps. Gutter to be laid on Spandek H-Ten sheathing supported on 40 x 40 x 1.0mm inverted "U" channels and 32 x 1.6mm zincalume hoop iron straps at 600mm centres fixed to purlins.  
TYPICAL.

Zincalume Trimdek hi-ten roof sheathing on 50mm "Anti-con 55" insulation over roofsafe wire mesh. 2 degree roof pitch.  
Steel purlins at max. 1200mm ctrs to suit suspended ceiling.



# SECTION 'A - A'

Zincalume Trimdek hi-ten roof sheathing on 50mm "Anti-con 55" insulation over roofsafe wire mesh. 2 degree roof pitch.  
Steel purlins at max. 1200mm ctrs to suit suspended ceiling.



# SECTION 'B - B'

Existing Limestone wall subject to Engineer remove top course and pour R/C strip footing for panel wall

## DA APPLICATION