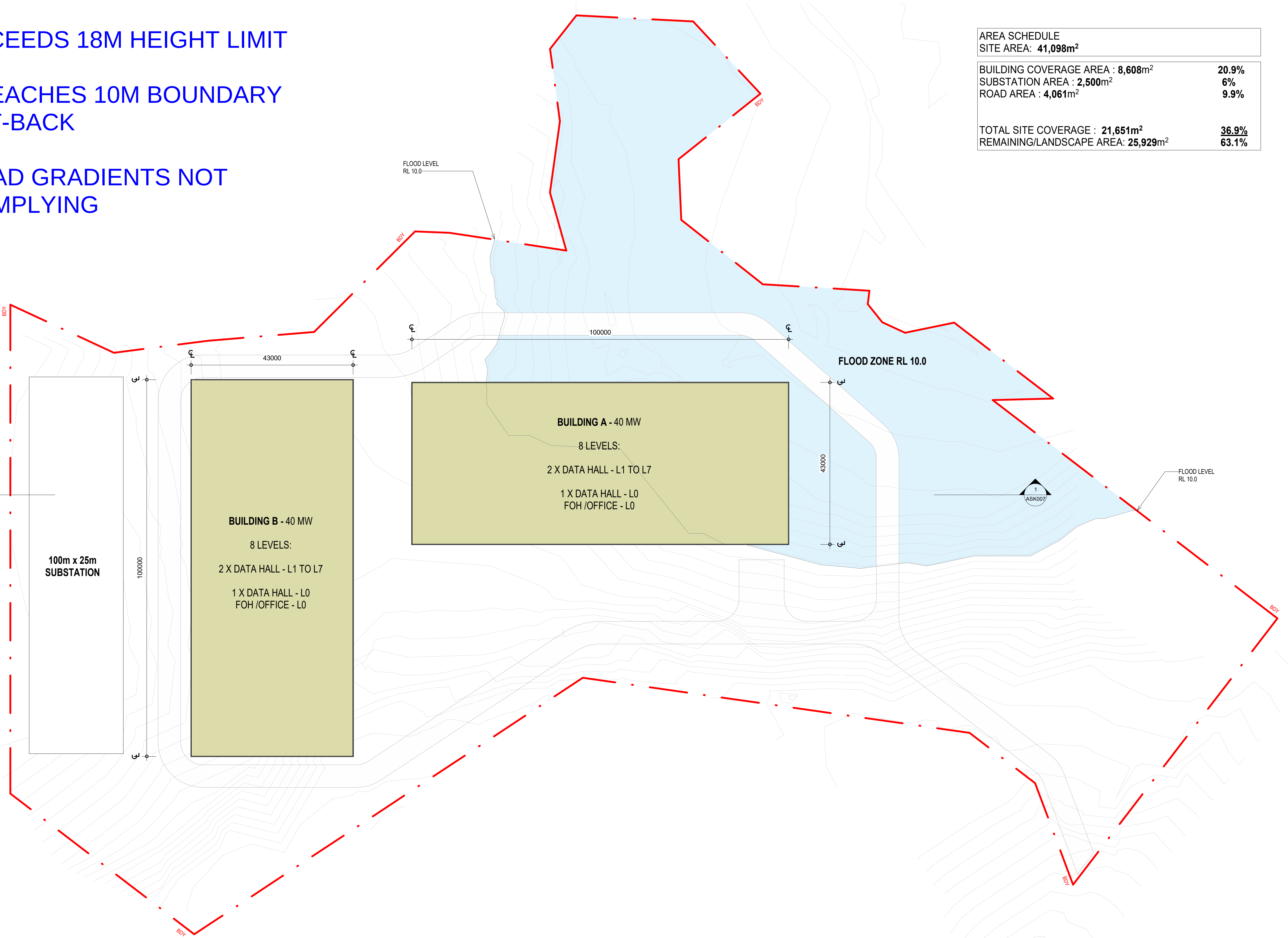


SCHEME 1

EXCEEDS 18M HEIGHT LIMIT

BREACHES 10M BOUNDARY SET-BACK

ROAD GRADIENTS NOT COMPLYING



AREA SCHEDULE	
SITE AREA: 41,098m²	
BUILDING COVERAGE AREA : 8,608m²	20.9%
SUBSTATION AREA : 2,500m²	6%
ROAD AREA : 4,061m²	9.9%
TOTAL SITE COVERAGE : 21,651m²	
REMAINING/LANDSCAPE AREA: 25,929m²	63.1%



Issue Date Description



Project Manager

Services Design



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LEVEL 3
40 KING ST
SYDNEY NSW 2000 AUSTRALIA
GREENBOX ARCHITECTURE PTY LTD
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Client

AIRTRUNK

Project
Project Name
1 SIRIUS ROAD LANE COVE WEST

Drawn By	Scale
PL	1 : 500 @ A1
Checked By	Approved By
DW	AO
Date	Job Number
	UNKNOWN

Project Status
PRELIMINARY

Drawing Title
ATSGP OPTION - MASTER PLAN

Drawing Number
ASK006

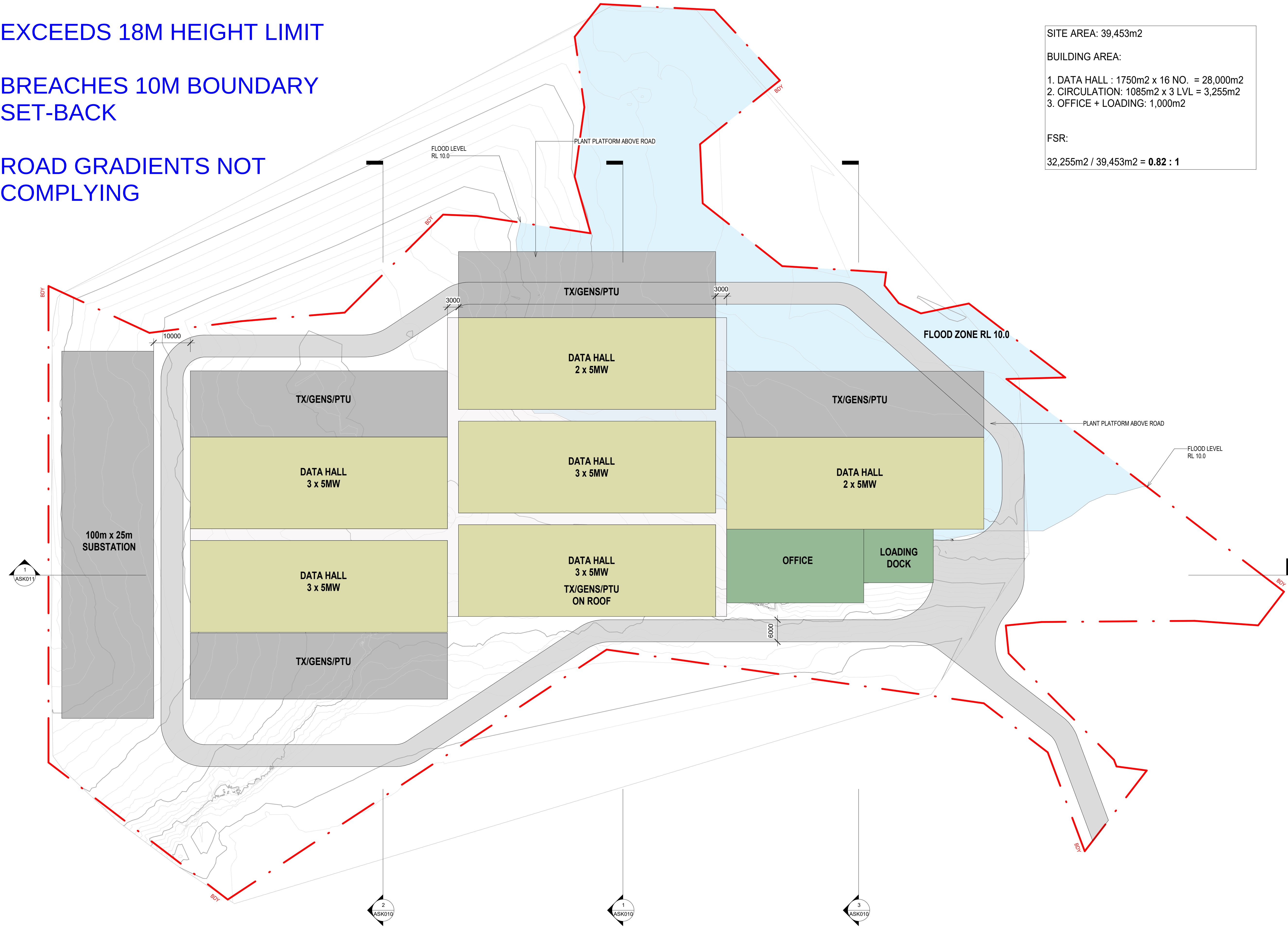
Issue

SCHEME 2

EXCEEDS 18M HEIGHT LIMIT

BREACHES 10M BOUNDARY SET-BACK

ROAD GRADIENTS NOT COMPLYING



SITE AREA: 39,453m2

BUILDING AREA:

1. DATA HALL : 1750m2 x 16 NO. = 28,000m2
2. CIRCULATION: 1085m2 x 3 LVL = 3,255m2
3. OFFICE + LOADING: 1,000m2

FSR:

32,255m2 / 39,453m2 = **0.82 : 1**

Issue

Date

Description

Sc. 1:100

0

1

2

3

5m

Project Manager

Services Design

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Client

AIRTRUNK

Project

Project Name

1 SIRIUS ROAD LANE COVE WEST

Drawn By

PL

Scale

1 : 500 @ A1

Checked By

DW

Approved By

AO

Date

Job Number

UNKNOWN

Project Status

PRELIMINARY

Drawing Title

ATSYPD OPTION - MASTER PLAN

Drawing Number

ASK009

Issue

A1

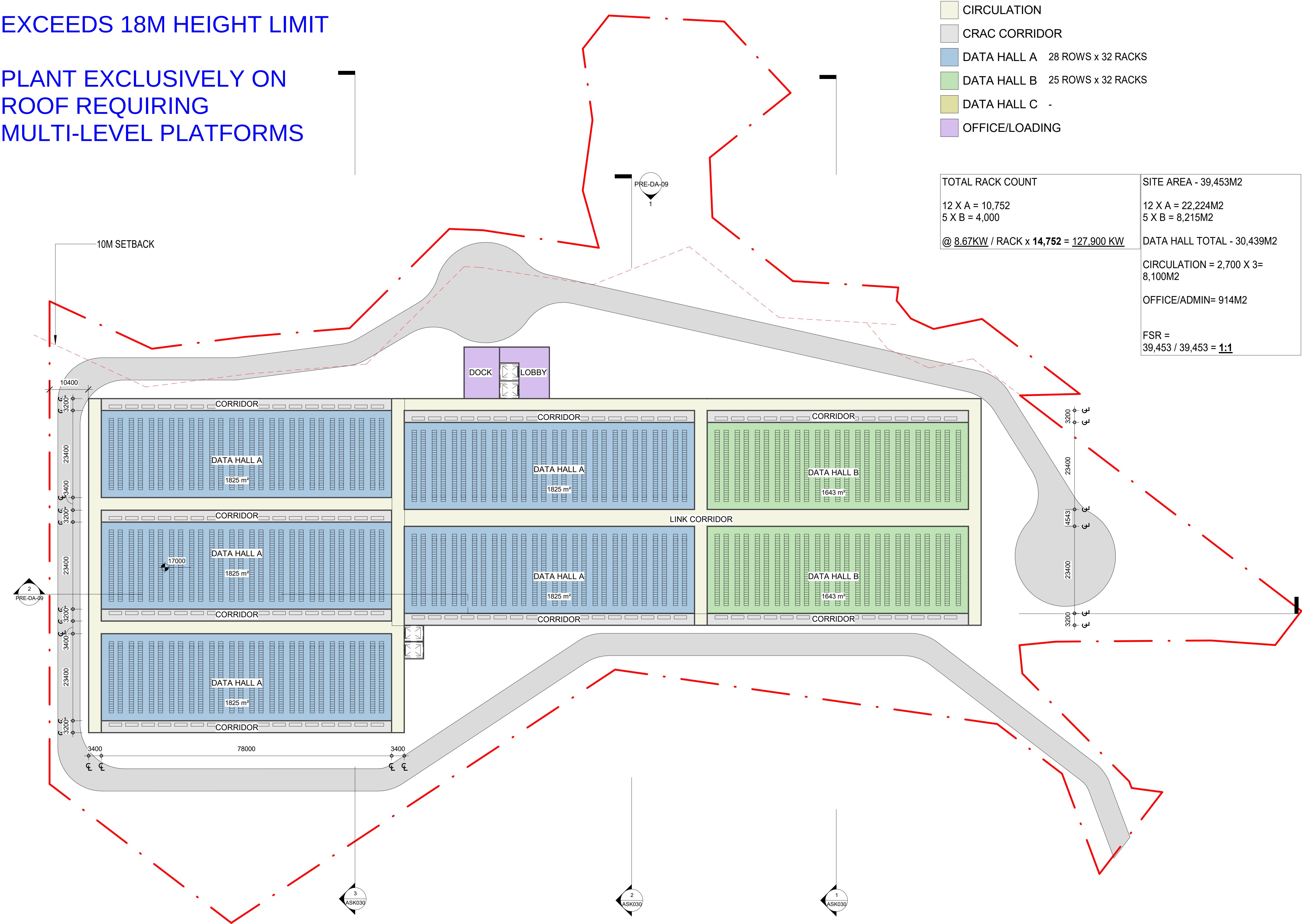
10/8/2018 5:12:58 PM

C:\Users\Patrick\Documents\AIRTRUNK_SIRIUS_PatrickP78V8.rvt

SCHEME 3

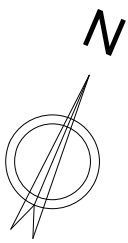
EXCEEDS 18M HEIGHT LIMIT

PLANT EXCLUSIVELY ON
ROOF REQUIRING
MULTI-LEVEL PLATFORMS



- CIRCULATION
- CRAC CORRIDOR
- DATA HALL A 28 ROWS x 32 RACKS
- DATA HALL B 25 ROWS x 32 RACKS
- DATA HALL C -
- OFFICE/LOADING

TOTAL RACK COUNT	SITE AREA - 39,453M2
12 X A = 10,752	12 X A = 22,224M2
5 X B = 4,000	5 X B = 8,215M2
@ 8.67KW / RACK x 14,752 = 127,900 KW	DATA HALL TOTAL - 30,439M2
	CIRCULATION = 2,700 X 3= 8,100M2
	OFFICE/ADMIN= 914M2
	FSR = 39,453 / 39,453 = 1:1



Issue Date Description

Project Manager

Services Design



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Client
AIRTRUNK

Project
Project Name
1 SIRIUS ROAD LANE COVE WEST

Drawn By PL	Scale 1 : 500 @ A1
Checked By DW	Approved By AO
Date	Job Number UNKNOWN

Project Status
PRELIMINARY

Drawing Title
SITE PLAN - 128MW

Drawing Number
ASK029

Issue

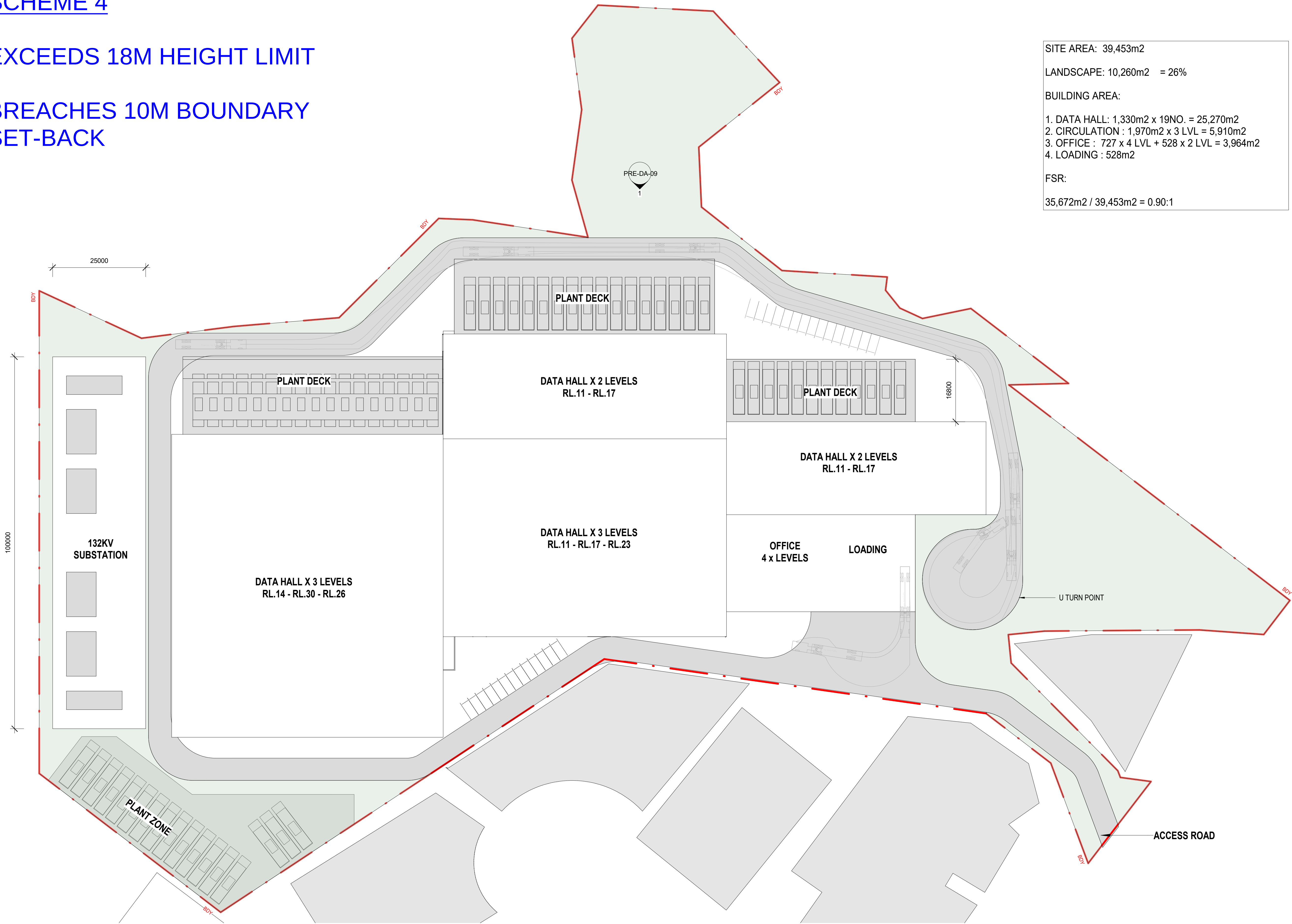
1 SITE PLAN 128MW
1 : 500

OPTION 2

SCHEME 4

EXCEEDS 18M HEIGHT LIMIT

BREACHES 10M BOUNDARY SET-BACK



SITE AREA: 39,453m2

LANDSCAPE: 10,260m2 = 26%

BUILDING AREA:

1. DATA HALL: 1,330m2 x 19NO. = 25,270m2

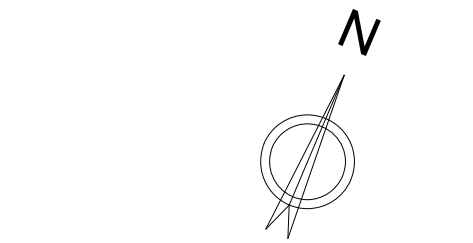
2. CIRCULATION : 1,970m2 x 3 LVL = 5,910m2

3. OFFICE : 727 x 4 LVL + 528 x 2 LVL = 3,964m2

4. LOADING : 528m2

FSR:

35,672m2 / 39,453m2 = 0.90:1



Issue	Date	Description
1	29.10.2018	FOR INFORMATION

Project Manager

Services Design



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GREENBOX ARCHITECTURE PTY LTD
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Client

AIRTRUNK

Project

Project Name

1 SIRIUS ROAD LANE COVE WEST

Drawn By

PL

Scale

1 : 500 @ A1

Checked By

DW

Approved By

AO

Date

29.10.2018

Job Number

UNKNOWN

Project Status

PRELIMINARY

Drawing Title

SITE PLAN

Drawing Number

PRE-DA-03

Issue

1

DOES NOT MEET BUSHFIRE
REPORT RECOMMENDATIONS



101MW



Issue	Date	Description
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Project Manager

Services Design

ISO 9001 CERTIFIED QUALITY SYSTEM

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ient

AIRTRUNK

Project Name
SIRIUS ROAD LANE COVE WEST

Drawn By Scale
L 1 : 500 @ A1

Checked By W	Approved By AO
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Job Number	UNKNOWN
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Project Status
PRELIMINARY

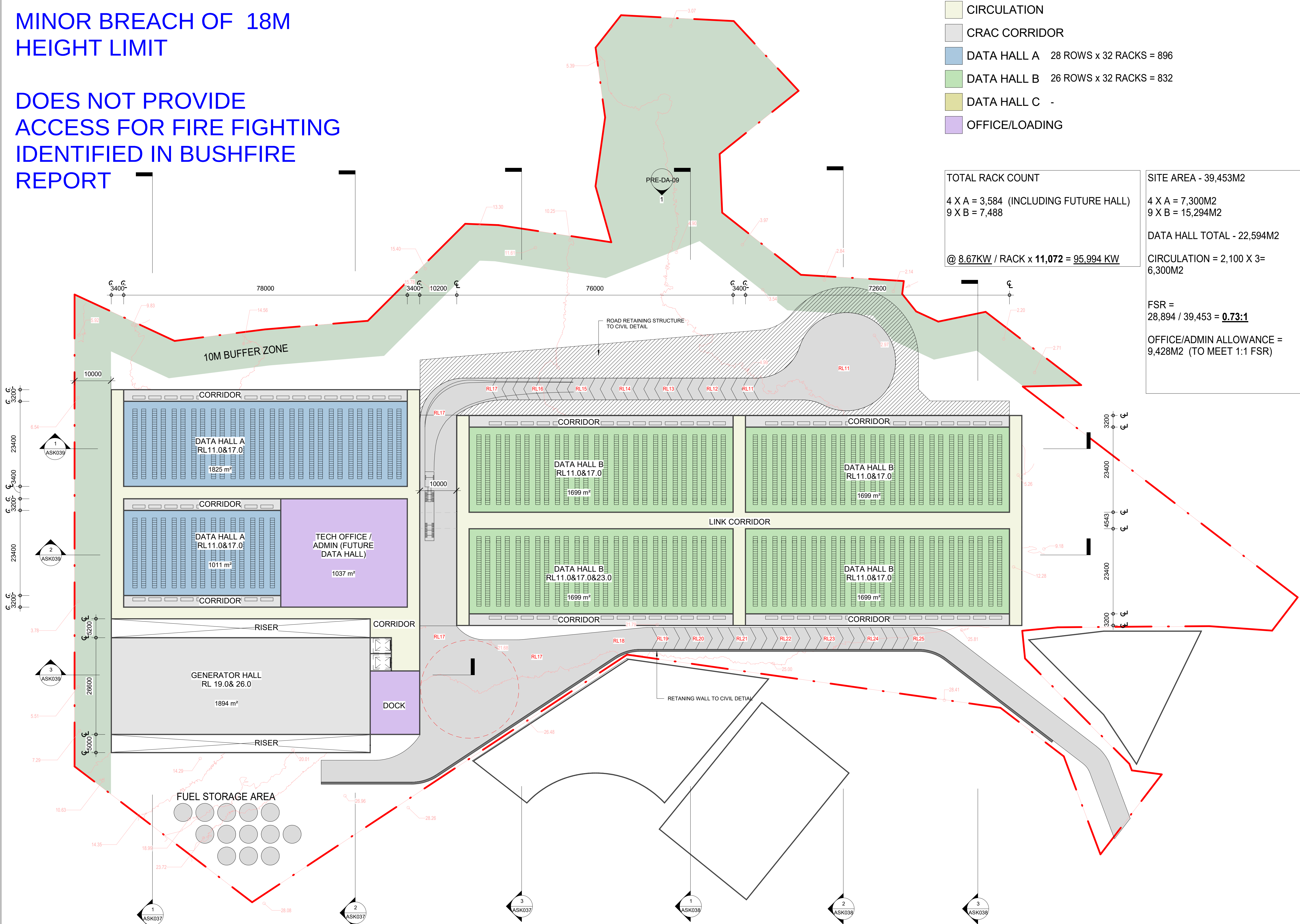
Drawing Title
SITE PLAN - 101MW

Drawing Number	Issue
ASK032	

SCHEME 6

MINOR BREACH OF 18M
HEIGHT LIMIT

DOES NOT PROVIDE
ACCESS FOR FIRE FIGHTING
IDENTIFIED IN BUSHFIRE
REPORT



TOTAL RACK COUNT
4 X A = 3,584 (INCLUDING FUTURE HALL)
9 X B = 7,488

@ 8.67KW / RACK x 11,072 = 95,994 KW

SITE AREA - 39,453M2

4 X A = 7,300M2
9 X B = 15,294M2

DATA HALL TOTAL - 22,594M2

CIRCULATION = 2,100 X 3= 6,300M2

FSR =
28,894 / 39,453 = **0.73:1**

OFFICE/ADMIN ALLOWANCE =
9,428M2 (TO MEET 1:1 FSR)

N		
Issue	Date	Description
Project Manager		
Services Design		
GREENBOX +61 2 8069 8930 LEVEL 3 40 KING ST SYDNEY NSW 2000 AUSTRALIA GREENBOX ARCHITECTURE PTY LTD ABN: 79 139 779 098 ISO 9001 CERTIFIED QUALITY SYSTEM		
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Client		
AIRTRUNK		
Project		
Project Name		
1 SIRIUS ROAD LANE COVE WEST		
Drawn By	Scale	
PL	1 : 500 @ A1	
Checked By	Approved By	
DW	AO	
Date	Job Number	
	UNKNOWN	
Project Status		
PRELIMINARY		
Drawing Title		
SITE PLAN - 96MW		
Drawing Number	Issue	
ASK036		