

# The GREEN PARK Project

Proposed by:  
R.G.CHAN & Associates  
Baguio City

# Parts of Presentation

- 1** INTRODUCTION  
Who... Why... How...
- 2** CONCEPTUALIZATION  
Urban Planning and Green Building
- 3** PROPOSALS  
Architectural Design and Context
- 4** CONCLUSION  
Justification

# 1. INTRODUCTION

Who...Why... How...

# WHO is R.G.Chan & Associates?

- Baguio-based professional firm
- Established in Baguio, 1982
- Designer of landmarks
- Broad project portfolio
- Seasoned professionals
- BERDE qualified



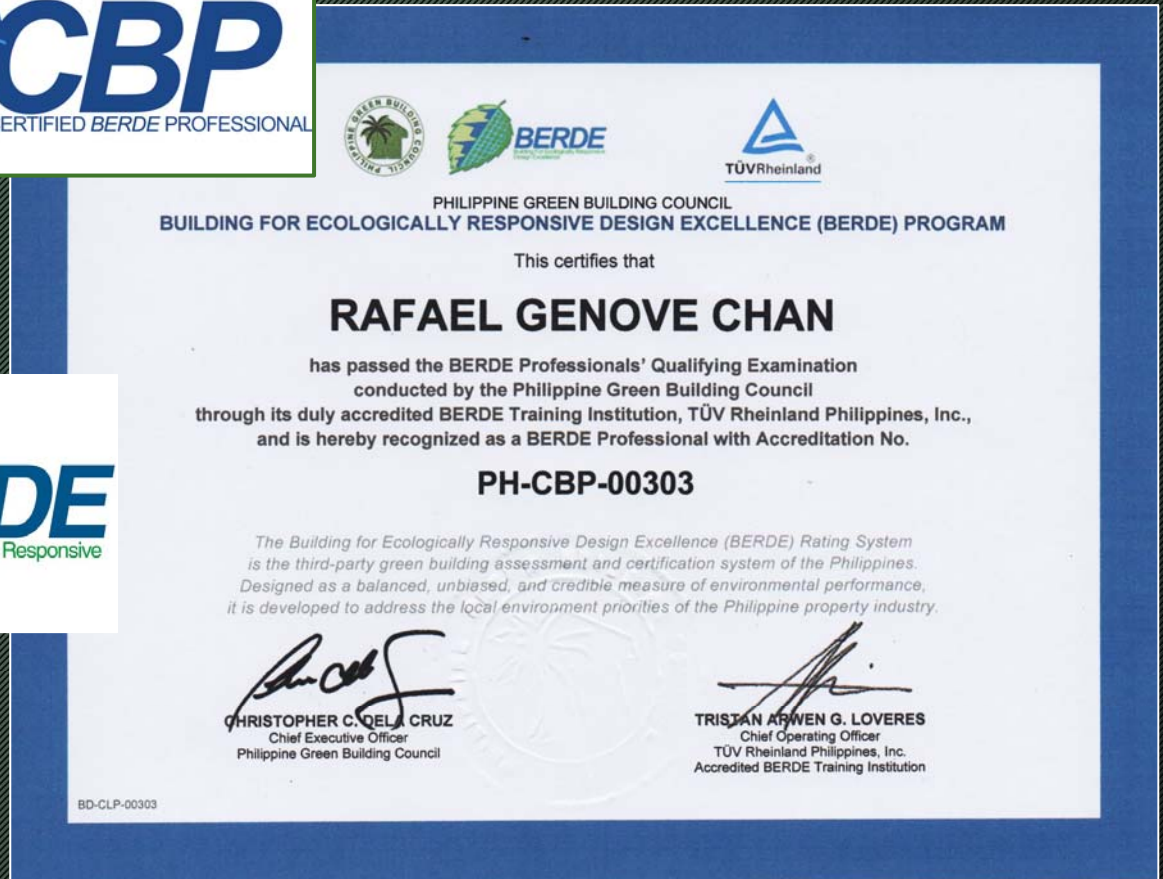
**RGC&A**



# WHO is R.G.Chan & Associates?



# WHO is R.G.Chan & Associates?



# WHY are we here?

- Despite controversy
- Belief in the need
- Confident it can be done
- Baguio has the expertise
- To create a Responsive Design
- Towards Public Acceptance

# HOW we started: Site Analysis



# Walkthrough: Panoramic Photos



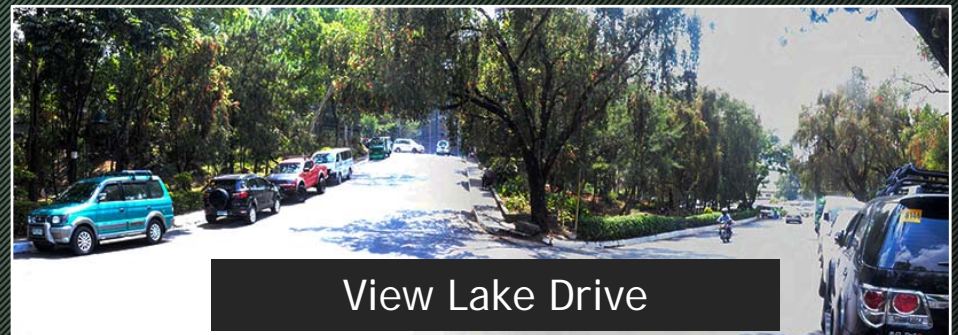
# More... Panoramic Photos



View from Left Side



View along Harrison Fence



View Lake Drive

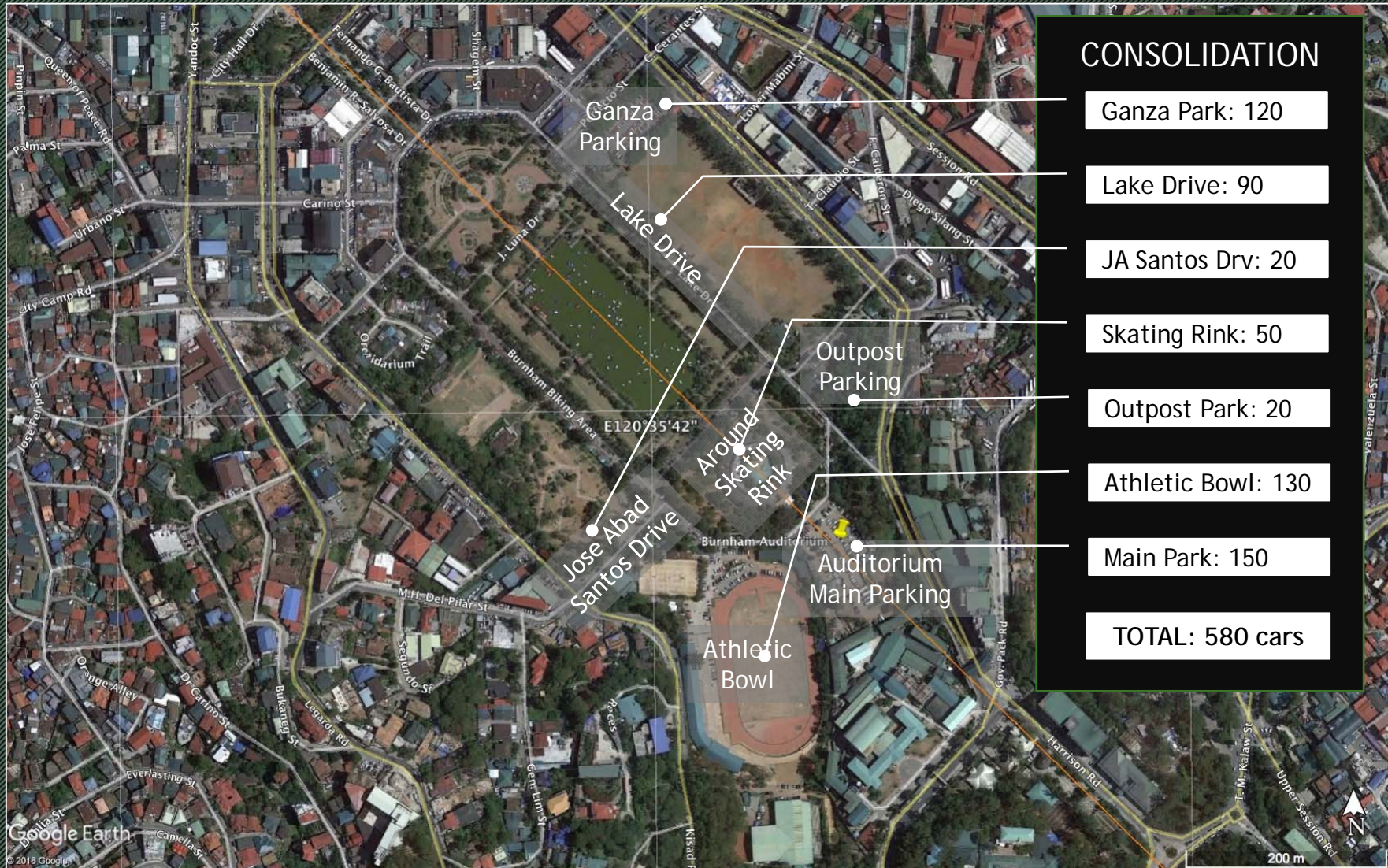


View of Motor Pool

# Site Findings and Comments

- Existing open parking is dusty, uninviting, unsecure
- Practically an eyesore which should be put to better use
- Car owners prefer parking along adjoining roads within the park
- Many concession spaces
- Used by BCHS students as passageway to school and playground

# Burnham Park: Max. Car Count



# 2. CONCEPTUALIZATION

## Urban Planning and Green Building

# URBAN PLANNING

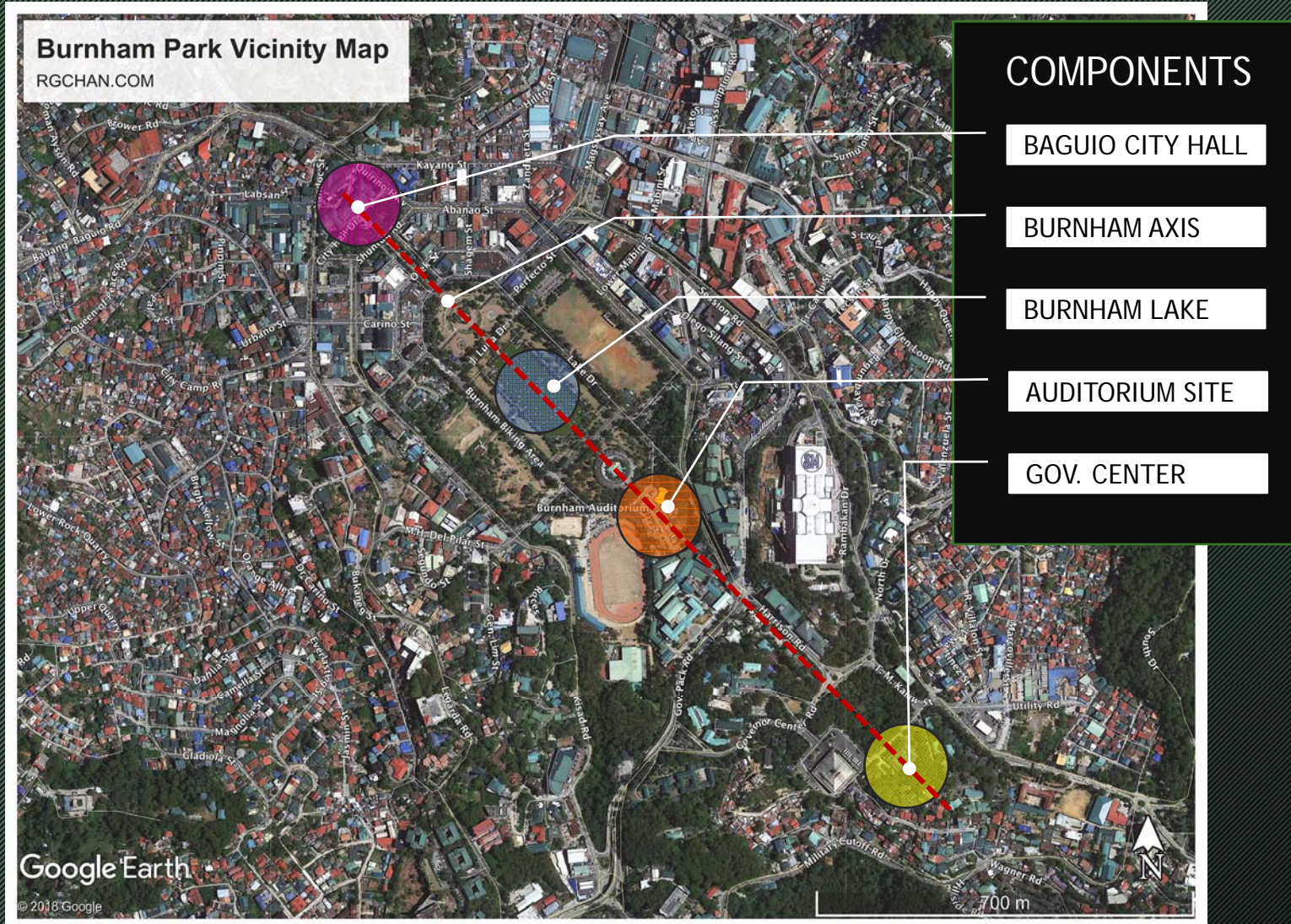
## From a larger context...



# The Burnham Plan: Central Axis



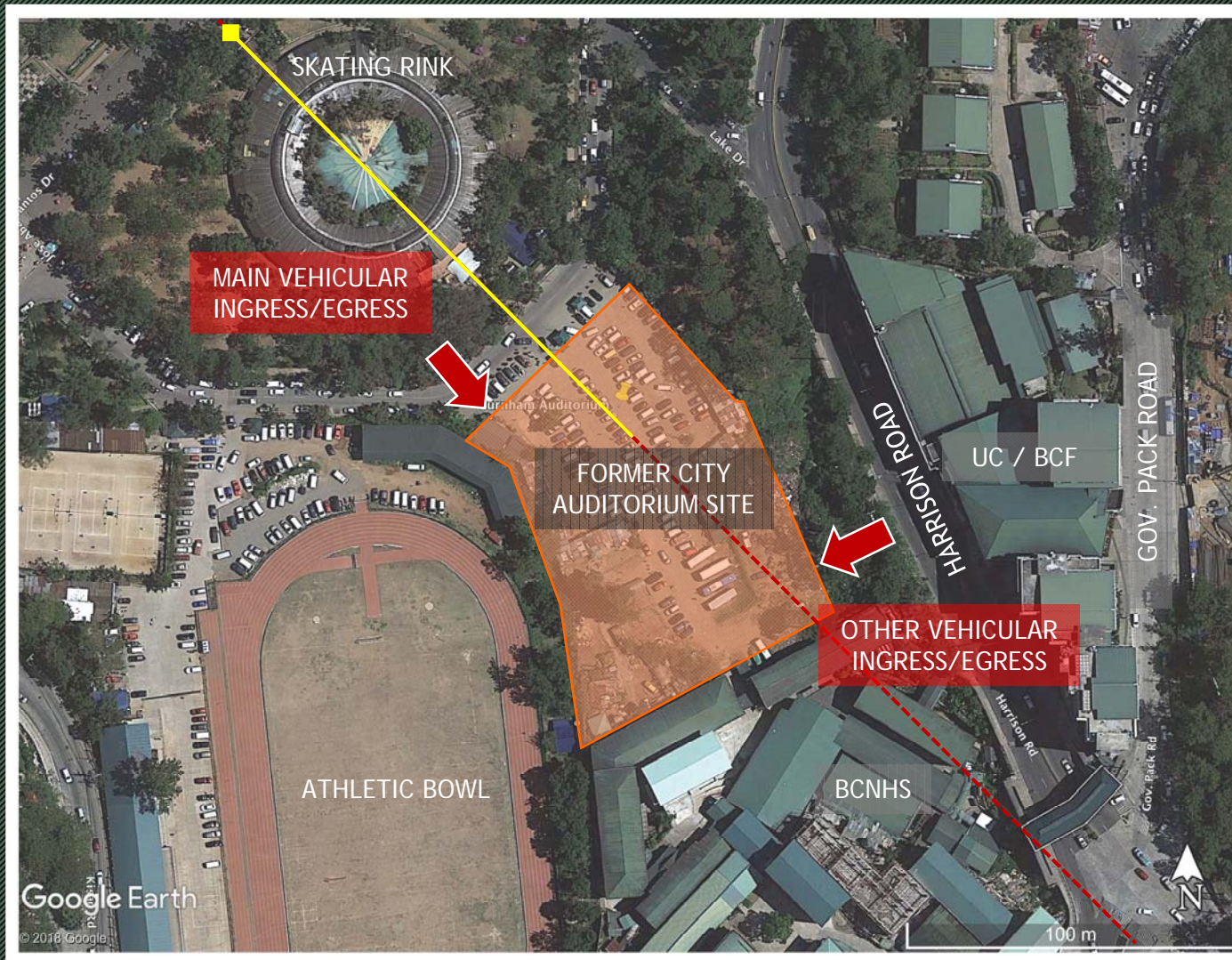
# Vicinity Plan: Burnham Axis



# Contextual Plan: Burnham Park



# Area Plan: Project Site



# Our set DESIGN CRITERIA

- OMIT parking for buses; for CARS ONLY
- Development must manifest as a PARK element; not predominantly commercial
- Downplay visual impact of the facade
- Native or Cordillera exterior
- Include: green vegetation/s at facade
- Include: green roofs, solar panel farm/s
- Observe: Green Buffer along Harrison
- Green Building- BERDE compliance

# CRITERIA: response-compliance



# CRITERIA RESPONSE... our Facade



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# GREEN BUILDING COMPONENTS

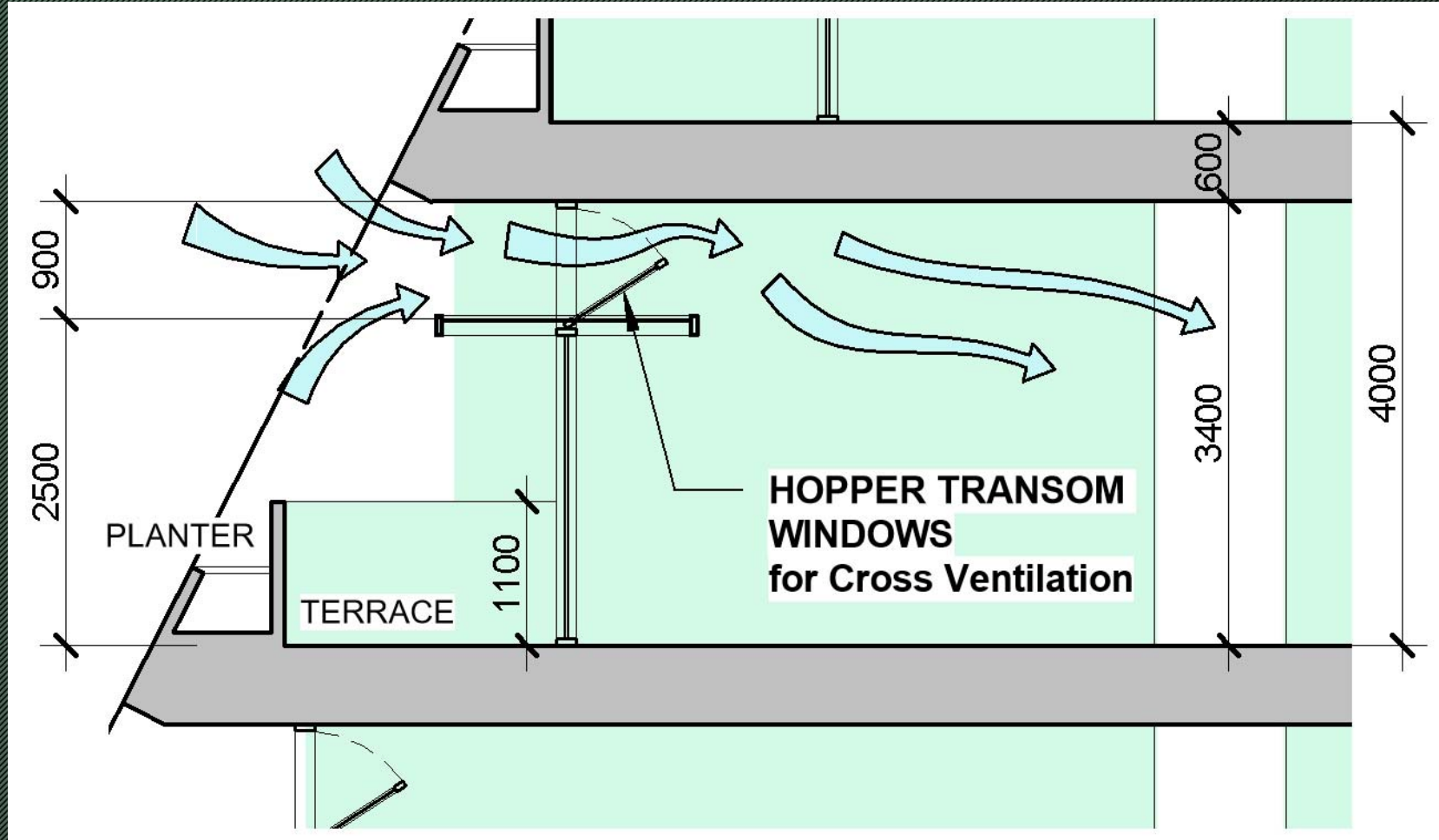
## Towards BERDE compliance...

# GREEN BUILDING

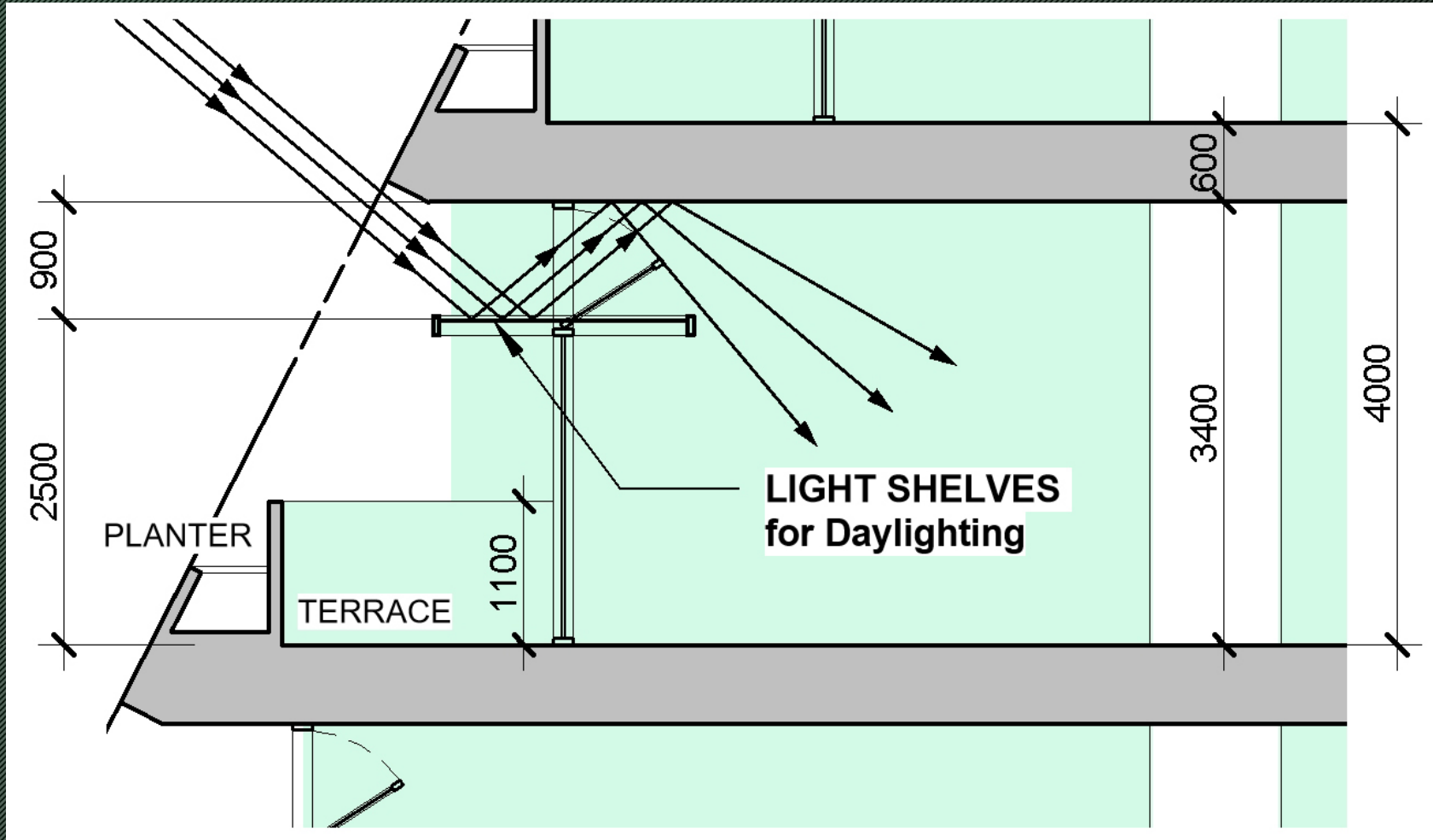


- Refers to both a structure and the application of processes that are..
- Environmentally responsible and resource efficient
- Requires cooperation of all involved at all stages of the project
- BERDE: rating systems for the design, construction, operation, and maintenance of a green building
- Voluntary accreditation and compliance
- Star rating system based on assessment

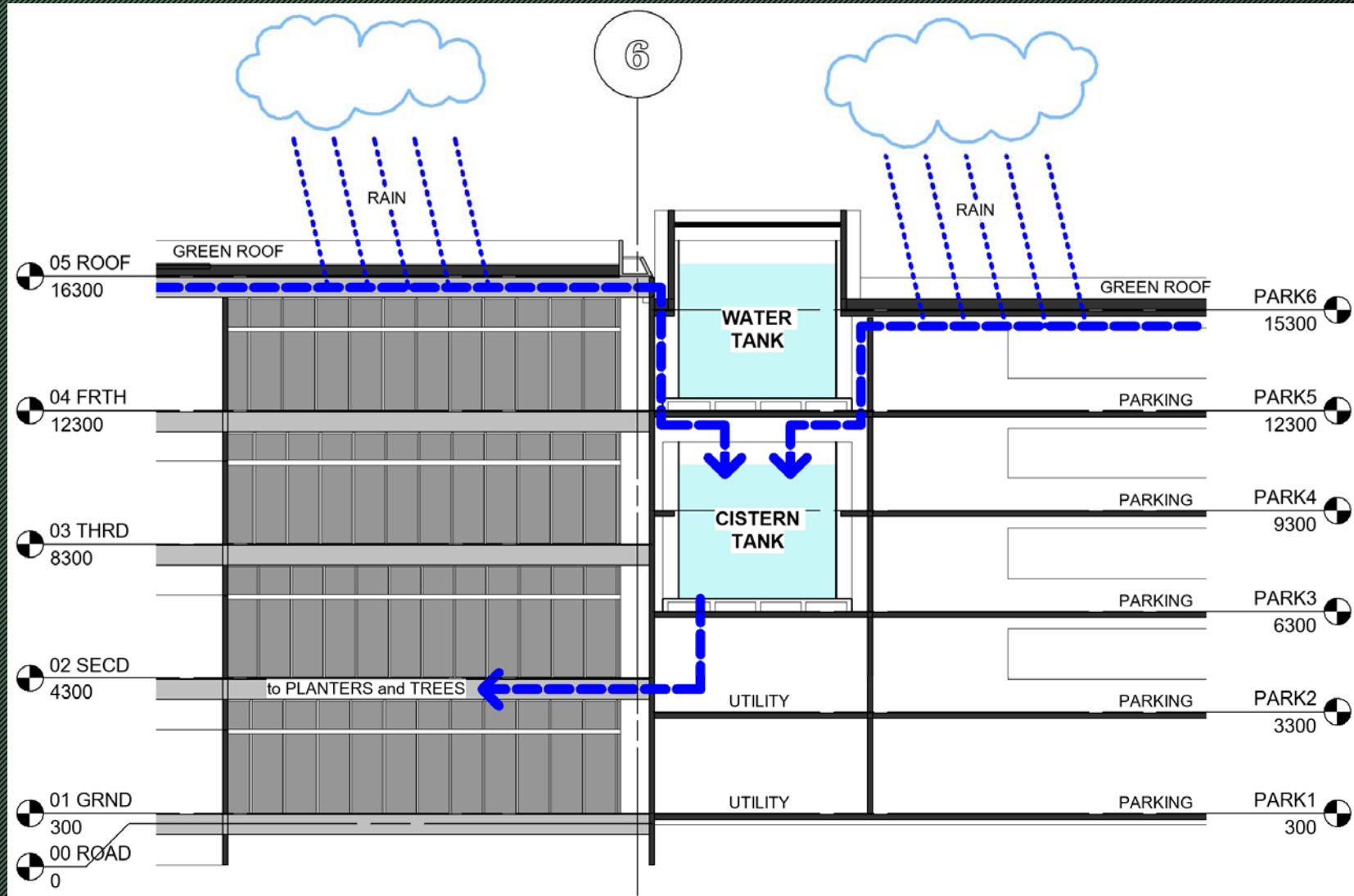
# VENTILATION SYSTEM/S



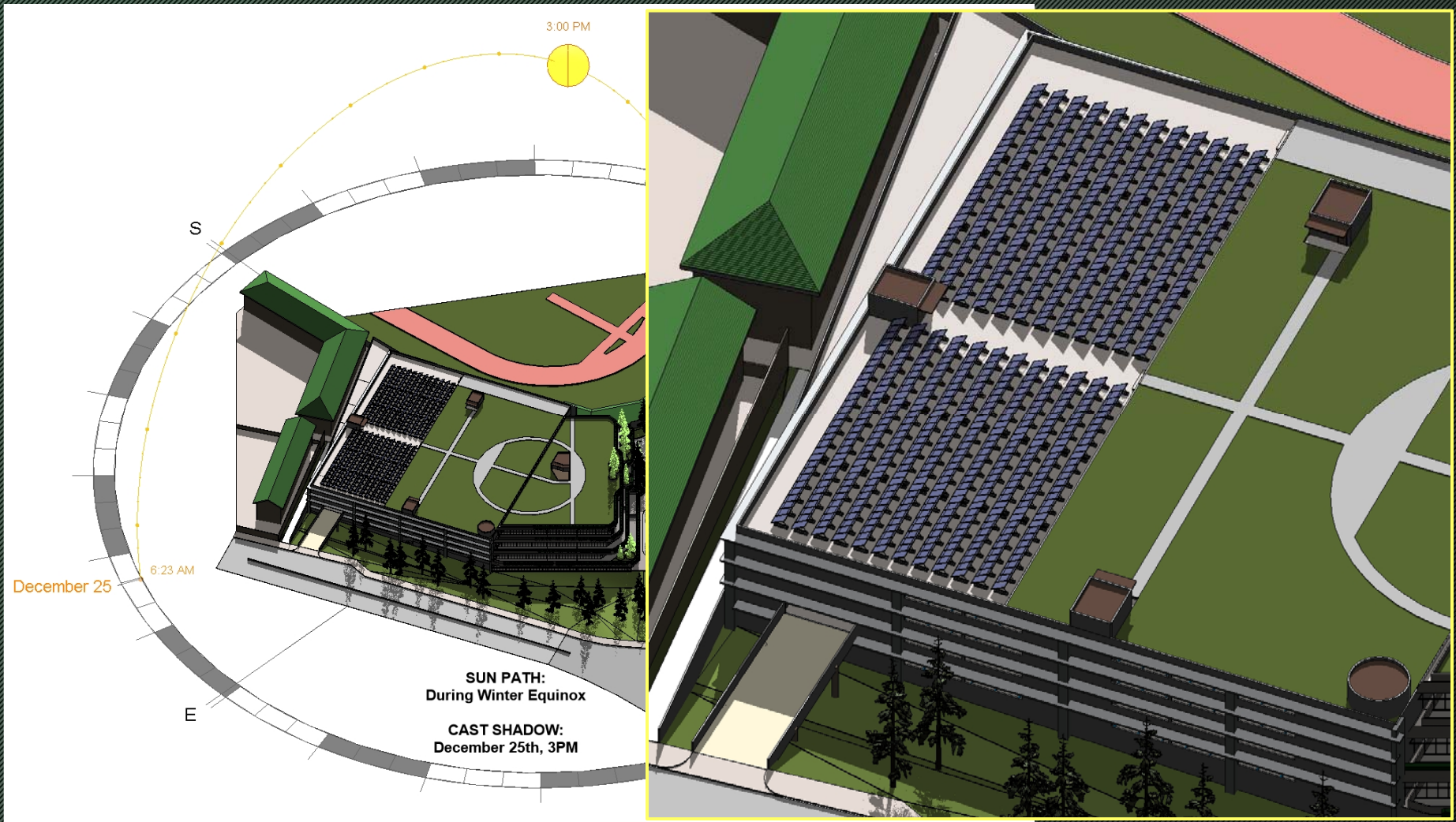
# DAYLIGHTING



# RAINWATER HARVESTING



# SOLAR PANELS FIELD



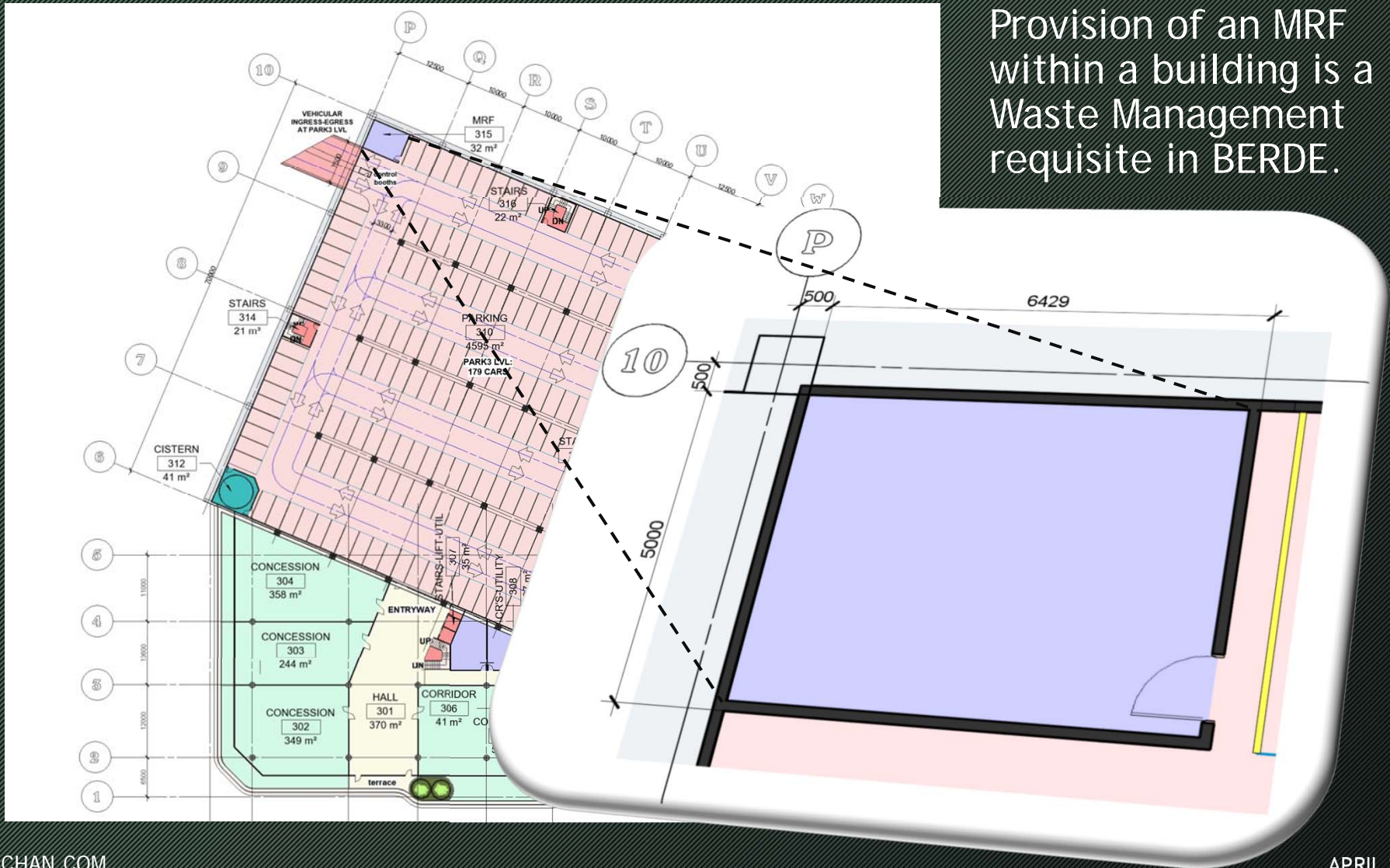
# GREEN ROOFS



# MATERIALS RECOVERY FACILITY



Provision of an MRF within a building is a Waste Management requisite in BERDE.



# Towards 5-star BERDE accreditation



- MANAGEMENT
- LAND USE AND ECOLOGY
- WATER
- ENERGY
- TRANSPORTATION
- INDOOR ENVIRONMENT
- MATERIALS
- EMISSIONS
- WASTE
- HERITAGE CONSERVATION
- INNOVATION

# 3. PROPOSALS

## Architectural Design and Context

# Front Right Rendering : Day



rgchan.com

# Front Right Rendering: Night



rgchan.com

# Front Middle Rendering: Day



[rgchan.com](http://rgchan.com)

# Front Middle Rendering: Night



[rgchan.com](http://rgchan.com)

# Front Left Rendering: Day



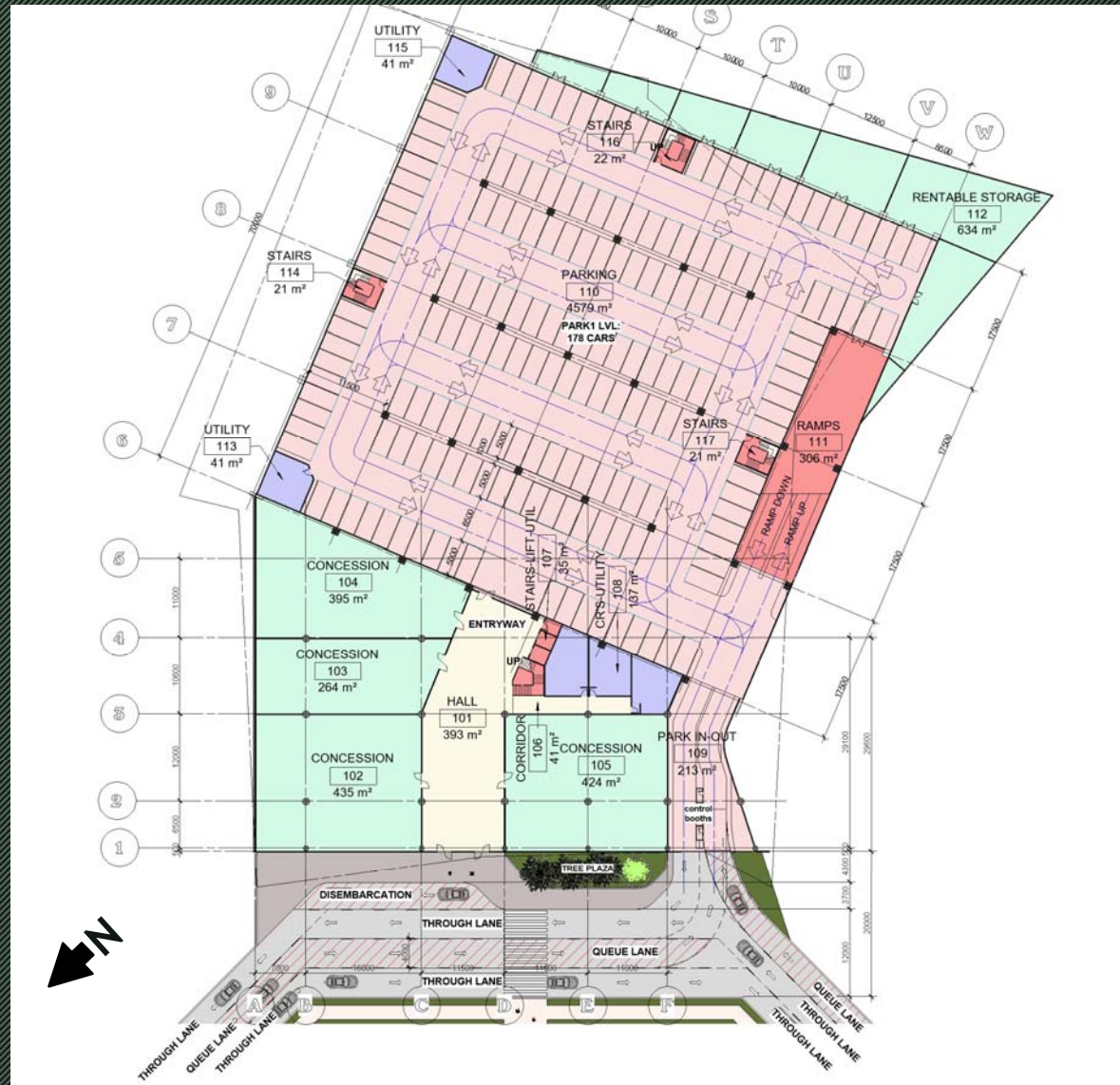
[rgchan.com](http://rgchan.com)

# Front Left Rendering: Night



[rgchan.com](http://rgchan.com)

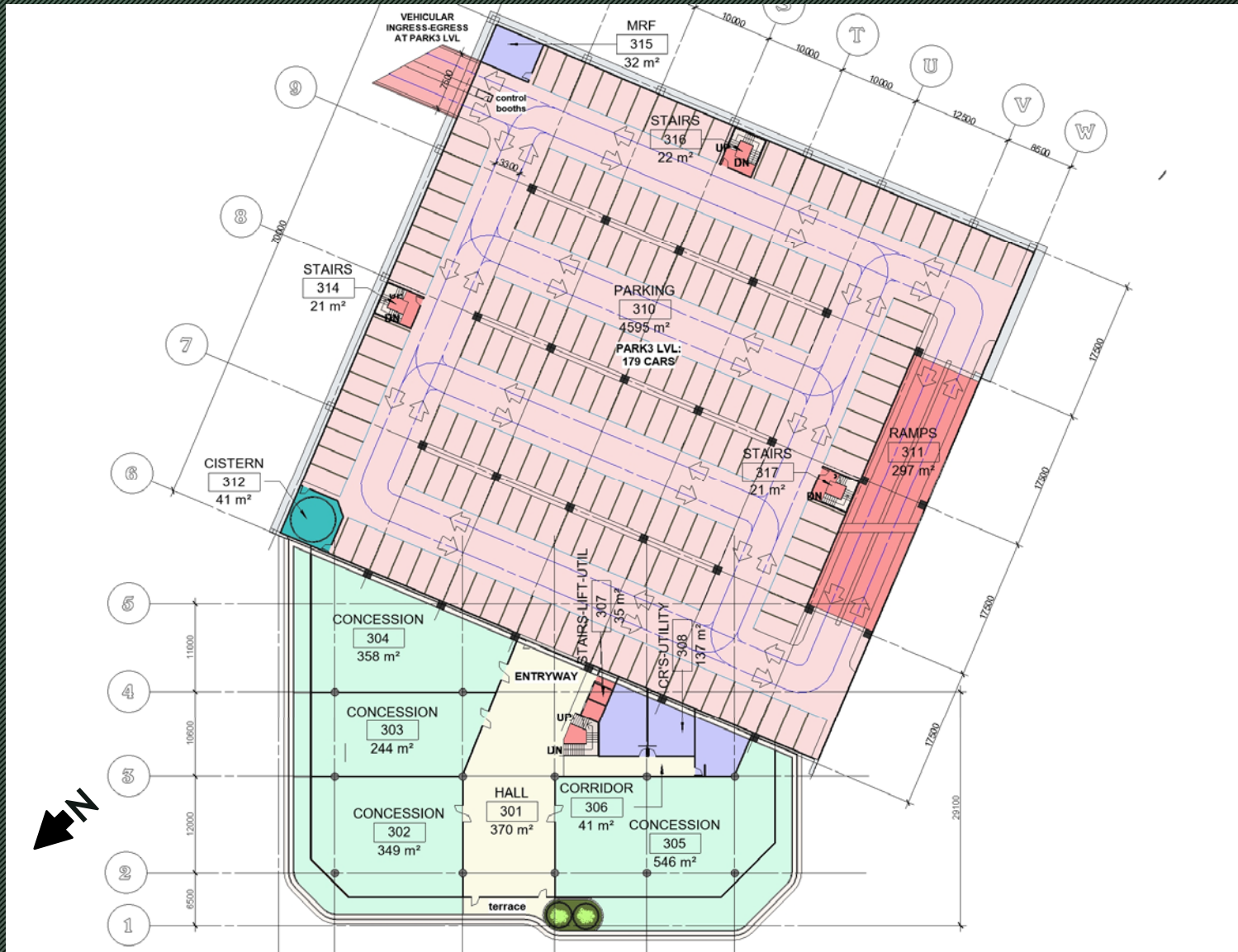
# GROUND FLOOR PLAN



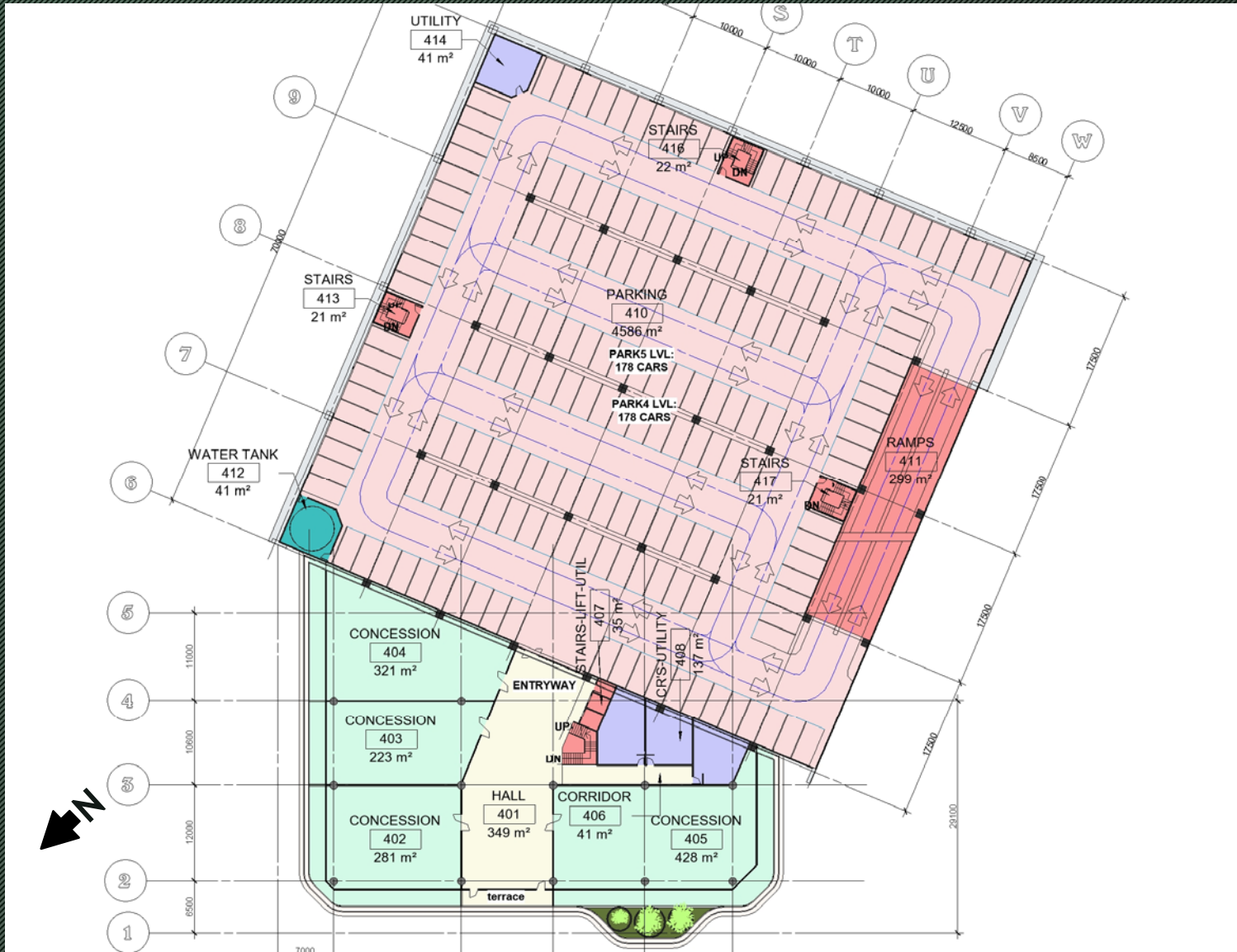
# SECOND FLOOR PLAN



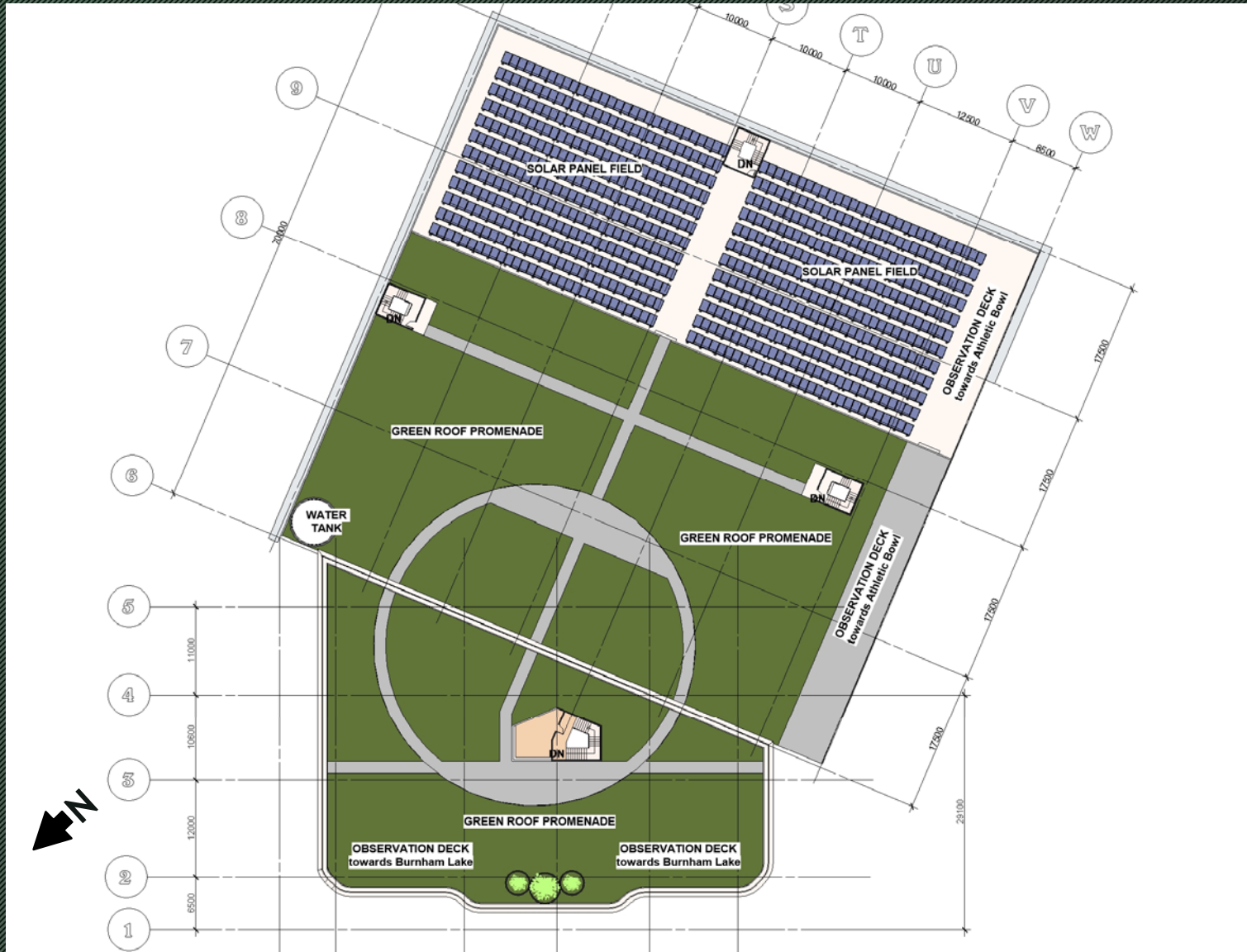
# THIRD FLOOR PLAN



# FOURTH FLOOR PLAN



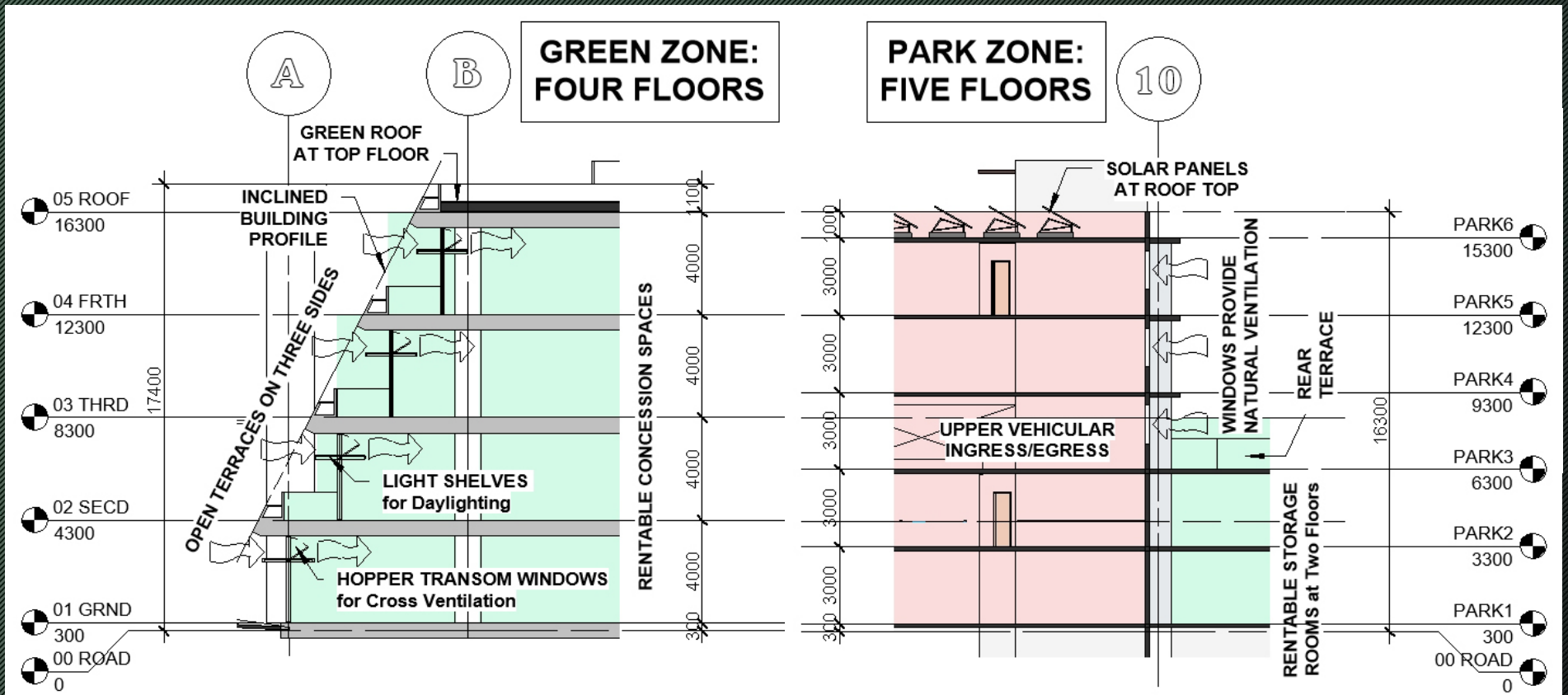
# ROOF DECK PLAN





# BUILDING SECTIONAL DETAILS

## GREEN PARK PROJECT



# PROJECT NUMERICS

<i>Particulars</i>	<i>square meters</i>
TOTAL Bldg. Area	34,900
GREEN Areas	8,230
PARK Areas	26,765
Concession Spaces:	6,000
Rentable Storage:	1,200
<hr/>	
Total Parking Slots for:	890 cars

# Private-Public-Partnership OPTION

- RGC&A can arrange for a private investor
- To Build and Operate the project
- AT NO COST TO THE CITY

# 4. CONCLUSION

## Justification...

# BURNHAM PARK

## The pollution agenda...



# BURNHAM PARK: Existing Traffic

"TOO MUCH pollution in Burnham Park!!! Can we not think of a solution to give the people in the park a much CLEANER AIR to breathe?..."



THREE TRAFFIC OPTIONS:  
For our GREEN PARK Project  
*Our building design will fit any...*

# OPTION ONE: Maintain routes

"TOO MUCH POLLUTION in Burnham Park!!! Can we not think of a solution to give the people in the park a much CLEANER AIR to breathe?..."



# OPTION TWO: Partial Closure

"STILL THERE IS POLLUTION within Burnham Park!!! Can we not think of a better solution to give the people in the park a much CLEANER AIR to breathe?..."



# OPTION THREE: Close the Park!

"FINALLY!...  
The people within  
Burnham Park now have  
the CLEANER AIR they  
have wanted-- after all  
these years..."



# BURNHAM PARK Perimeter Fence

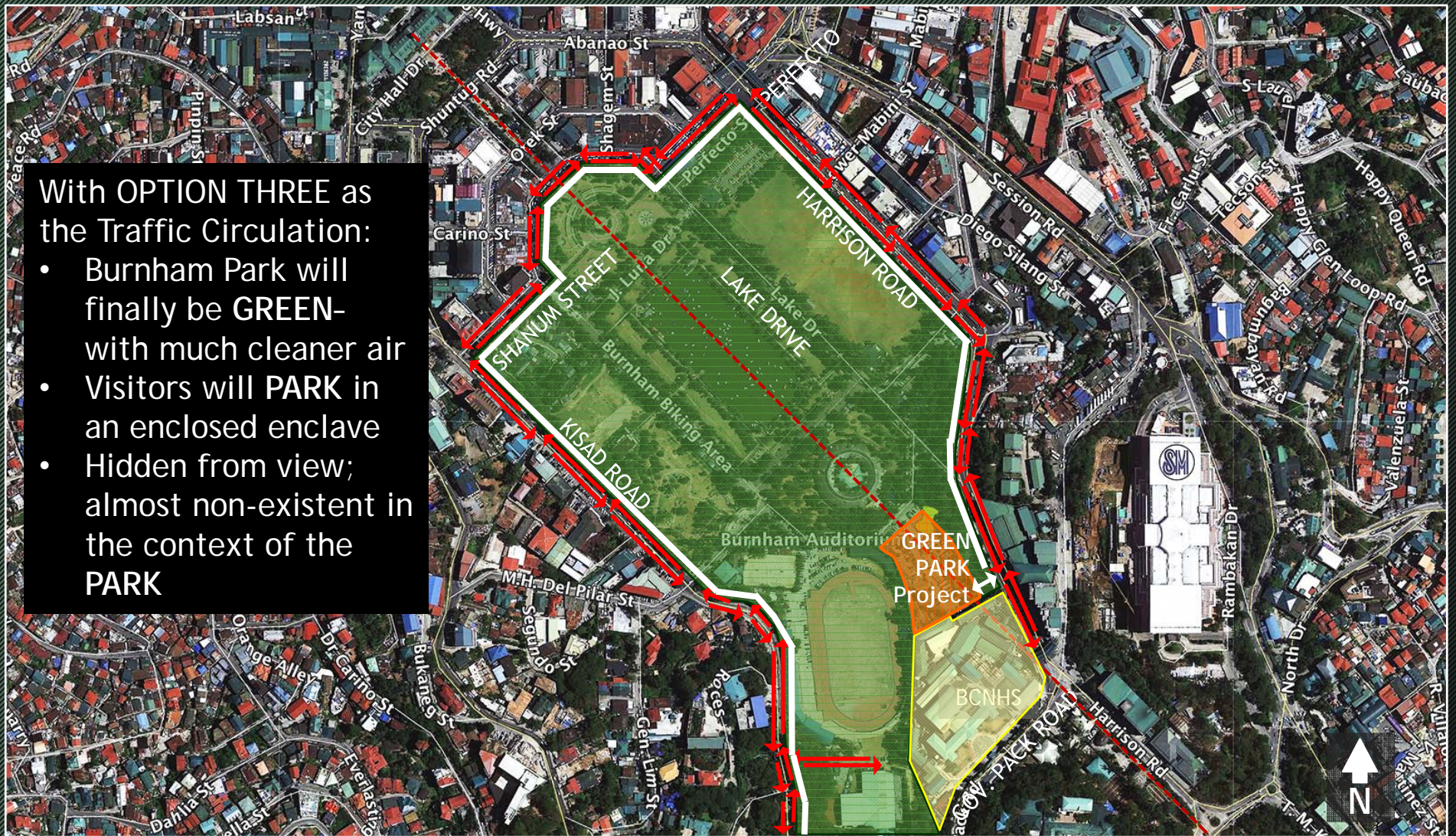
The Burnham Park Perimeter Fence has been completed since 2016. But we have not fully appreciated its true potential as a basis on how we can fully improve our use and enjoyment of the park.



# Green Park Project: JUSTIFICATION

With OPTION THREE as the Traffic Circulation:

- Burnham Park will finally be GREEN- with much cleaner air
- Visitors will PARK in an enclosed enclave
- Hidden from view; almost non-existent in the context of the PARK



# Green Park Project: JUSTIFIED



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# IMAGINE SERIES...

IMAGINE: What is possible...



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# IMAGINE: Pedestrianized Park



rgchan.com

# IMAGINE: No motor vehicles



[rgchan.com](http://rgchan.com)

# IMAGINE: Fresh breathing air



[rgchan.com](http://rgchan.com)

# IMAGINE: Parking is available



[rgchan.com](http://rgchan.com)

IMAGINE: ...but totally hidden



[rgchan.com](http://rgchan.com)

# CLOSING STATEMENT

Our proposal is  
to build a parking facility  
within the premises  
towards the scheme  
of pedestrianizing  
Burnham Park.



THANK YOU  
for your attention

R.G.CHAN & Associates  
Baguio City