Architectural Portfolio

SAYALI S. KUDVE

Sayali Kudve

- I'm an Architect with 4+ years experience
- Residential & Commercial Planning
- Construction Documentation
- AutoCAD & SketchUp Specialist
- Worked on projects in India and Australia

PROJECTS

STUDIO 29 (AUSTRALIA)

WORKING OF :

- LOT 62
- LOT 934

SnG CONSULTANTS (INDIA)

WORKING OF :

- AVENUE GLORY
- MASTER PLANNING
- PLOT 97-98

PRESENTATION OF :

- La PRINCESS
- ARUNODAYA (HERITAGE SITE)
- VRINDAVAN

Studio 29

M. 0469 333 478
E. palak.studio29@gmail.com

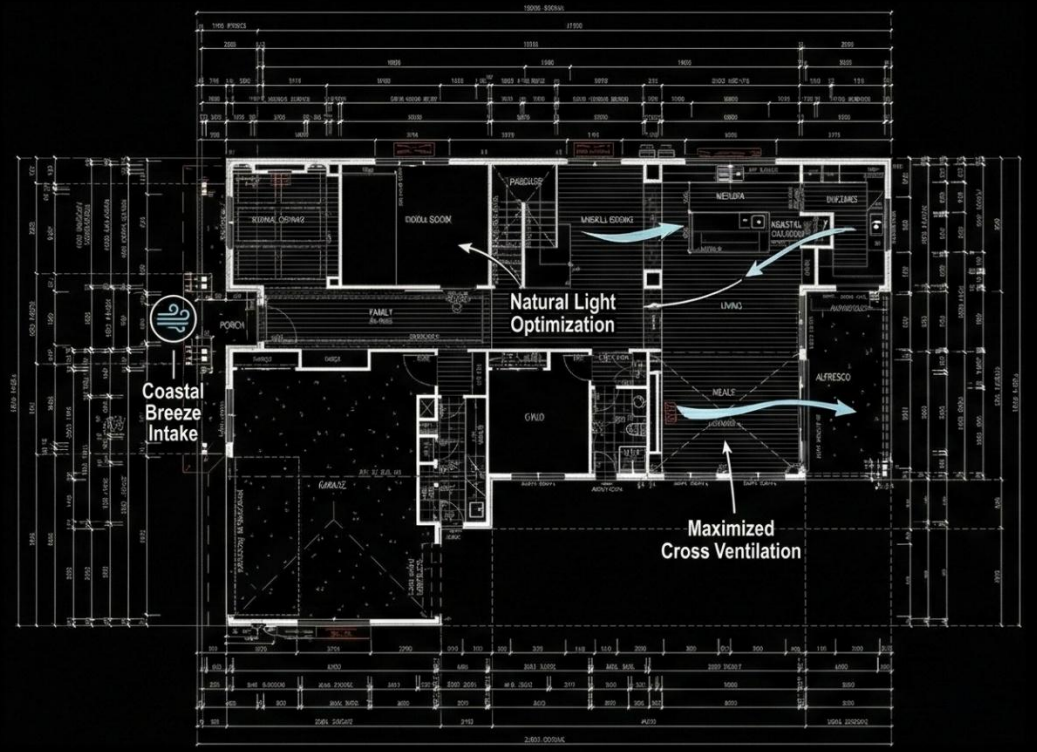
- AutoCAD working drawings
- Floor plans and sections
- Wall framing documentation
- SketchUp 3D model for visualization

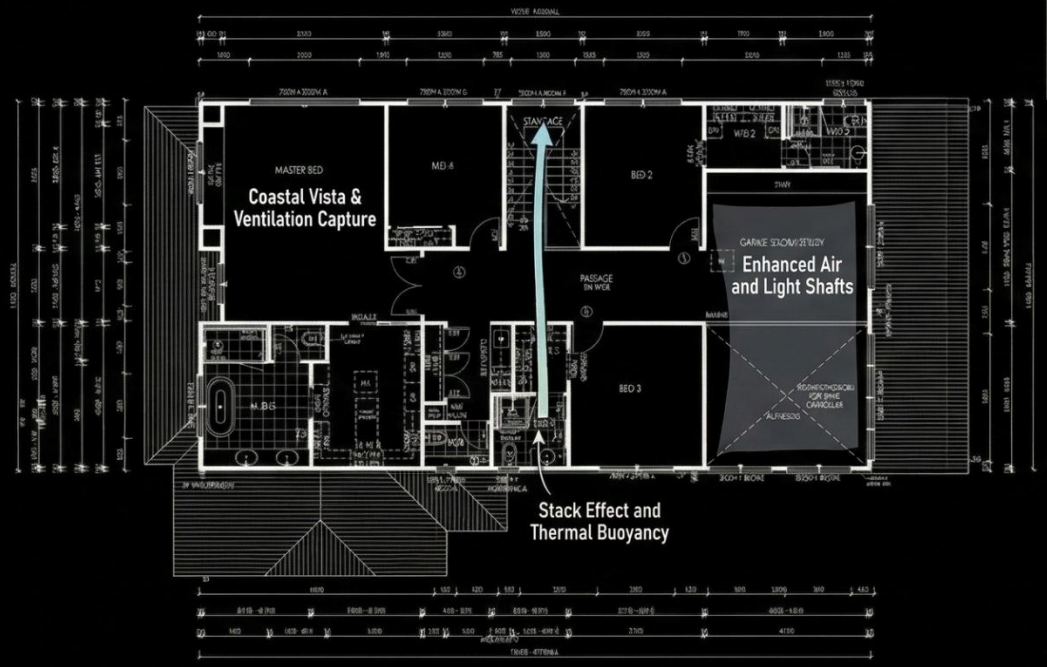
LOT 62 – Elsie Street (Working)

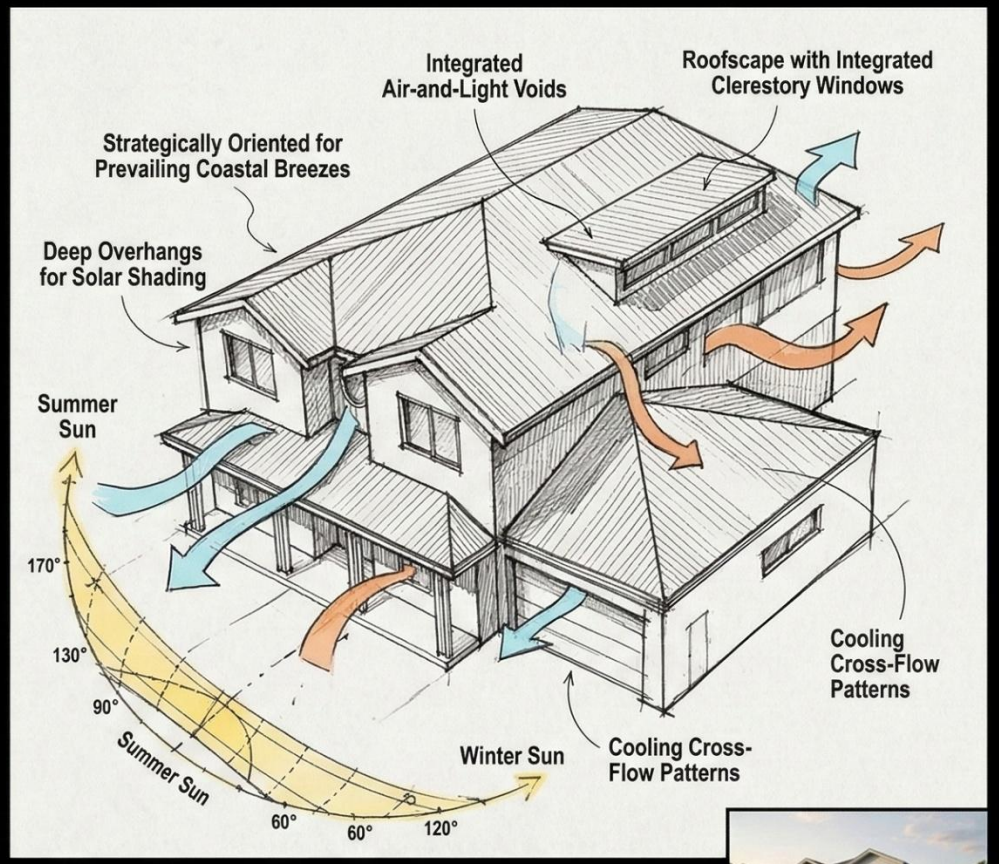
3D VIEW

ON SITE

LOT 62 – Elsie Street (Working)



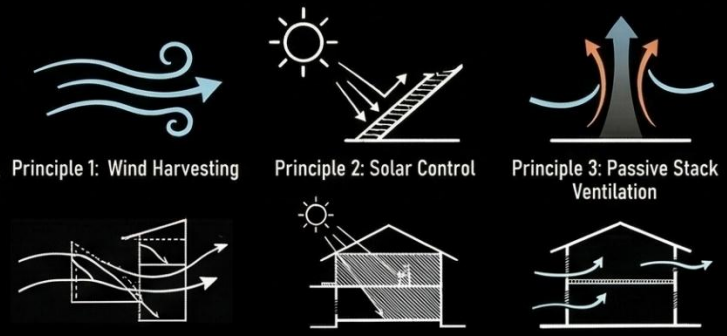




Bioclimatic Massing Study Sketch

Realized Design - For Reference

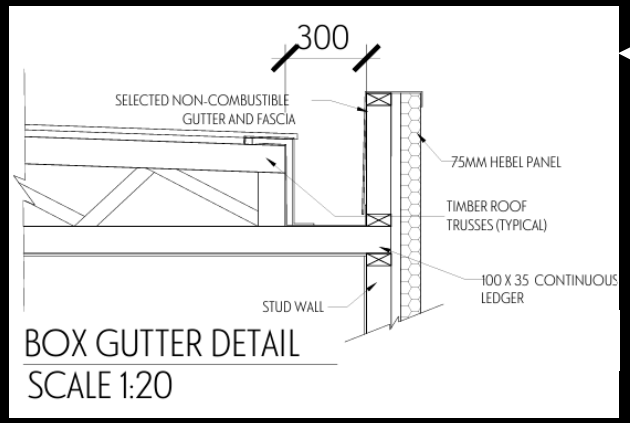
Concept: Maximize natural light and cross ventilation for coastal climate

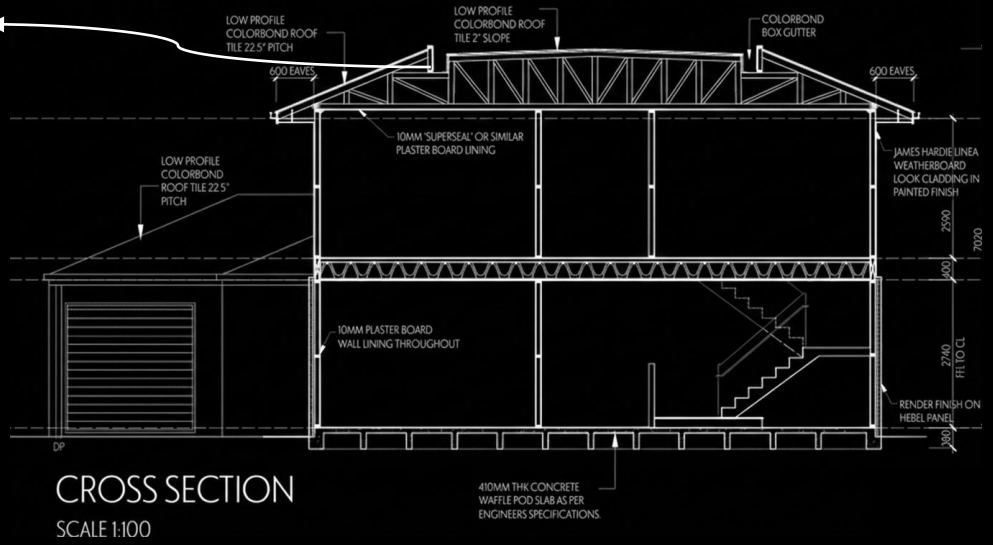


Bioclimatic Concept Diagrams

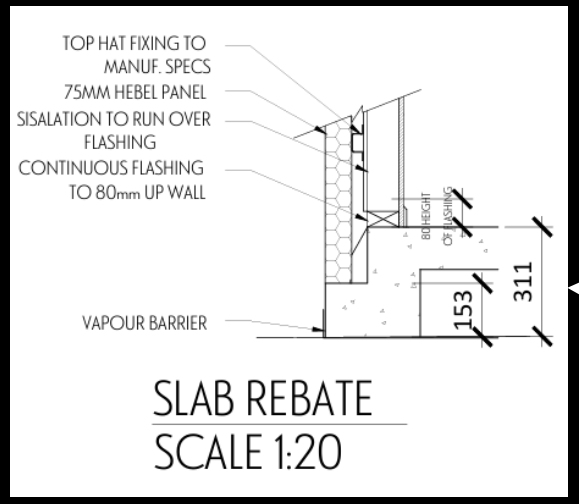
- Developed construction drawings
- Coordinated framing and slab drawings
- Produced 3D model for presentation

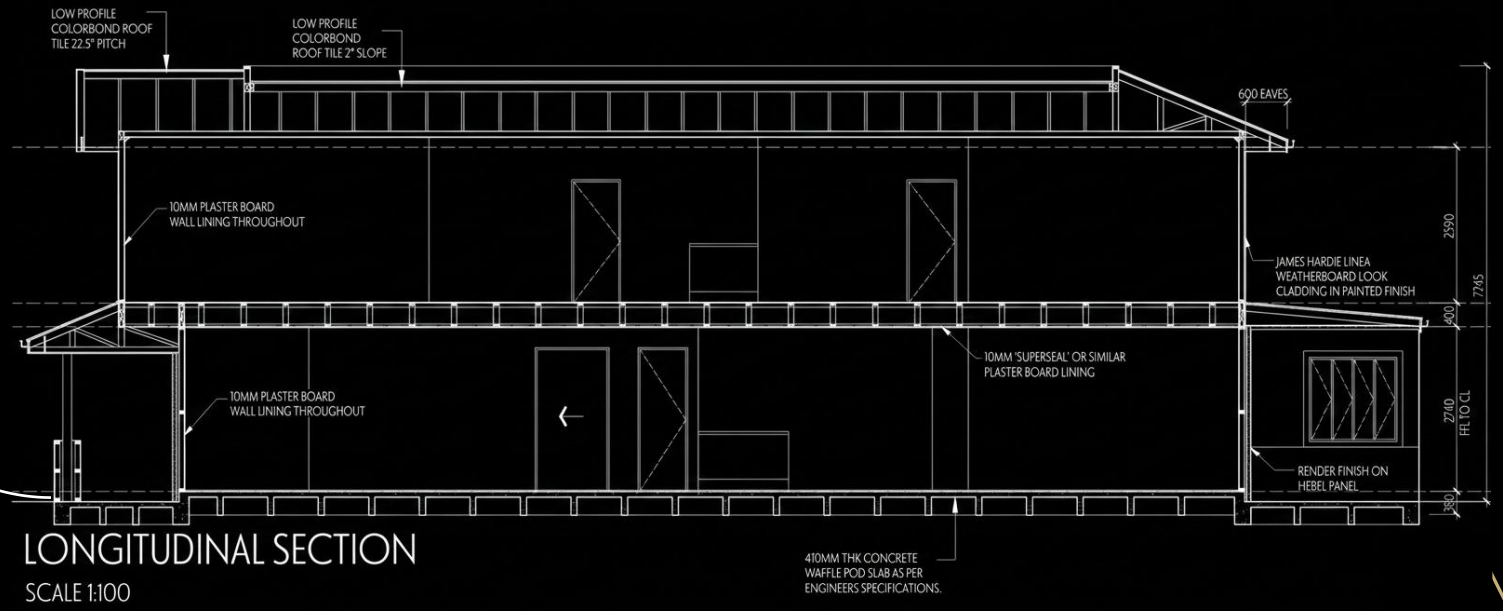
LOT 62 – Elsie Street (Working)





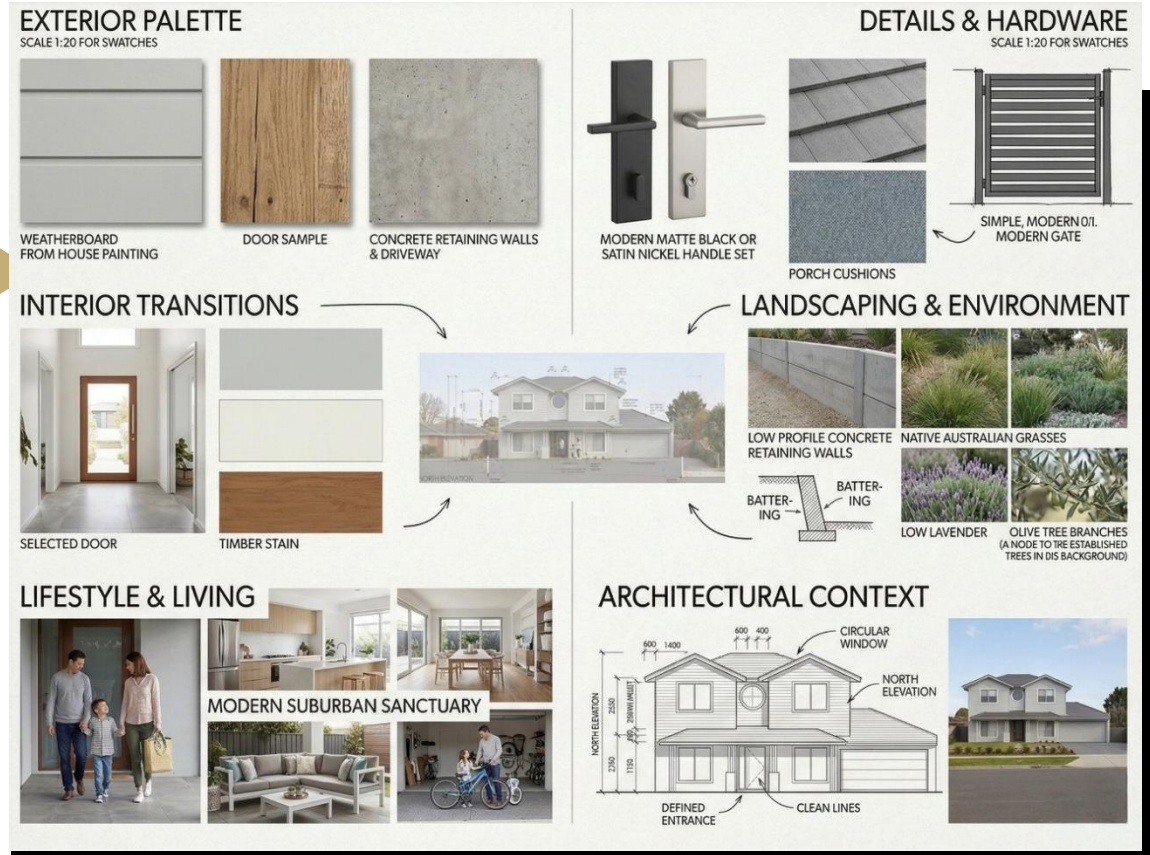
- Developed sections and details for site (use of flat roof in this structure).



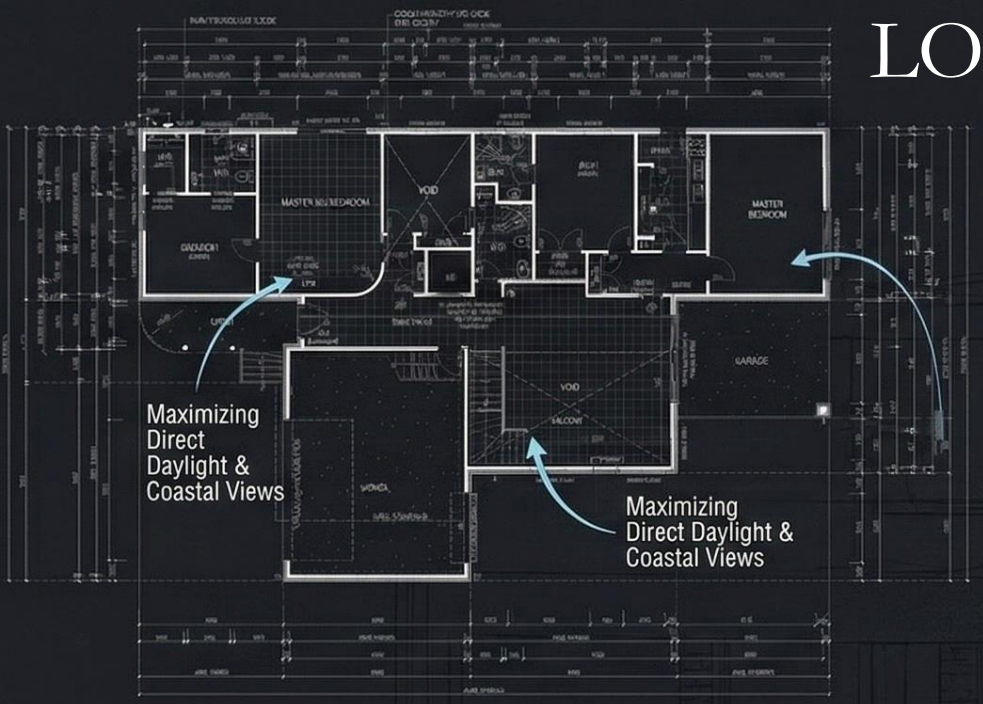


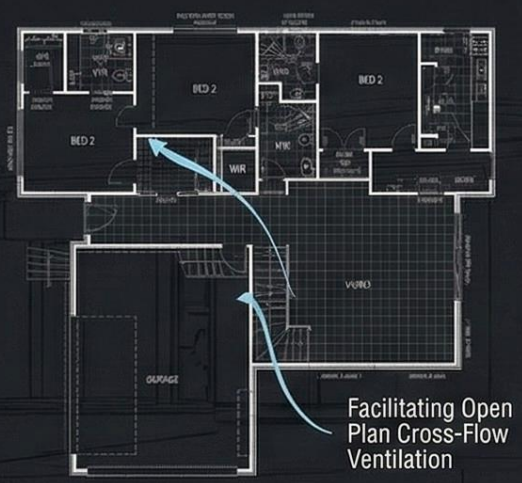
SECTIONS

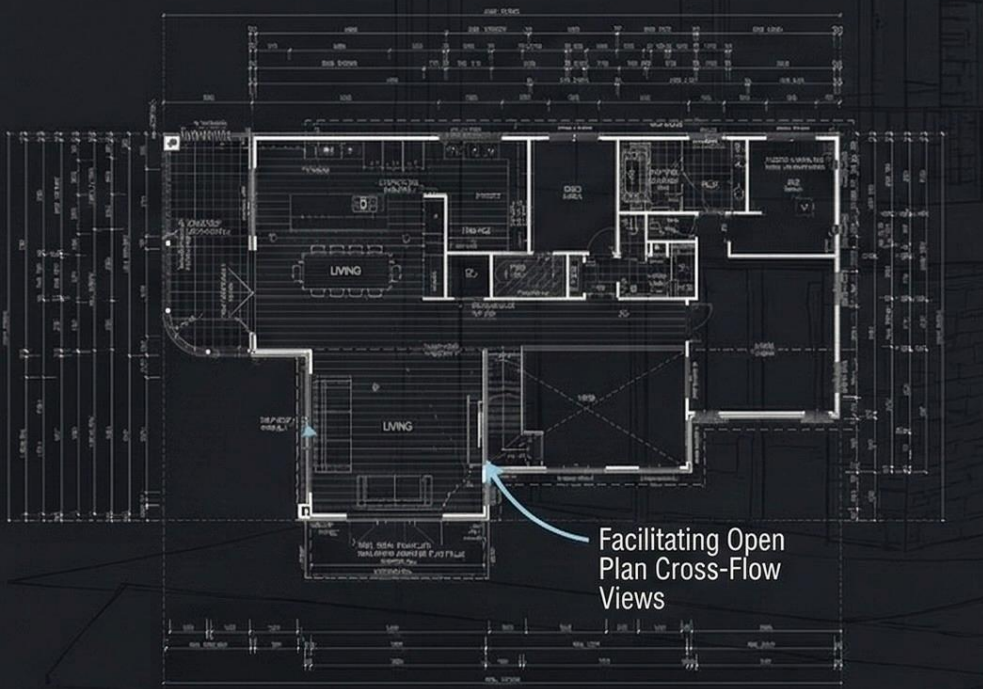
LOT 62 – Elsie Street (Working)

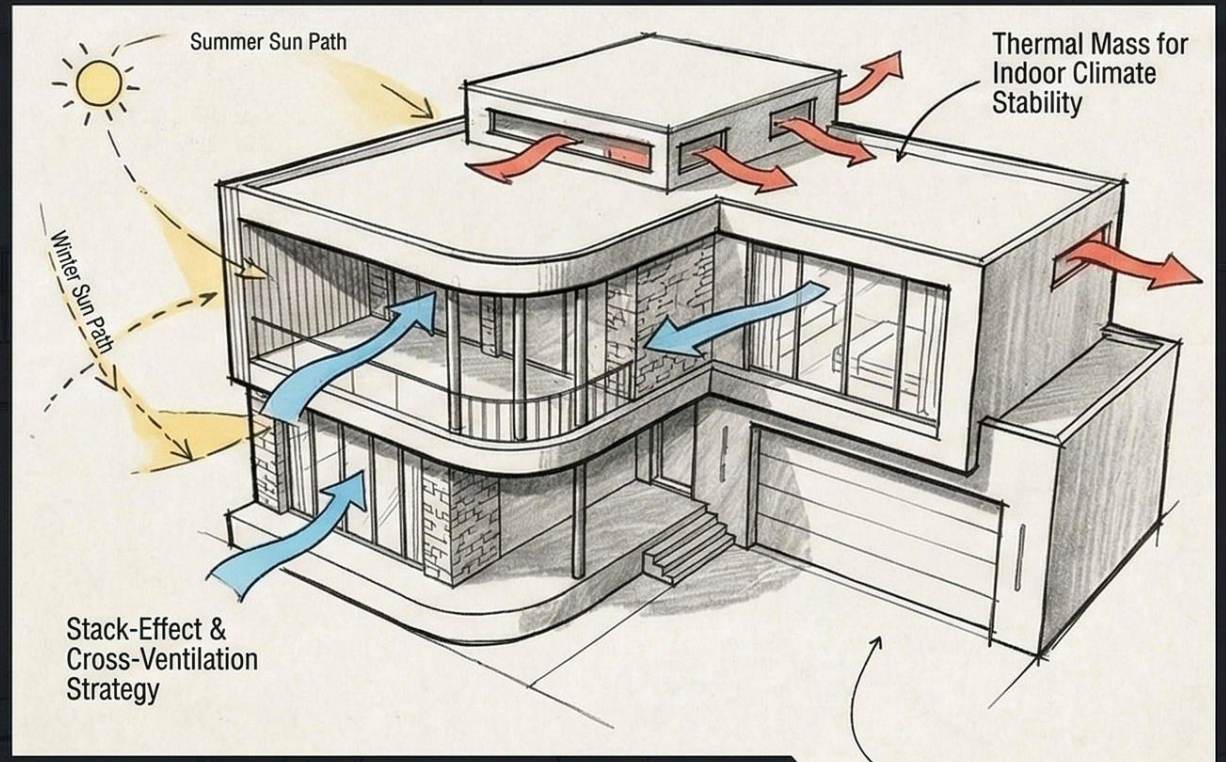


LOT 934 – Highpoint Street



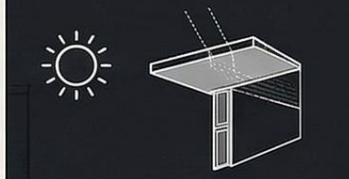






Bioclimatic Massing Study

CONCEPTS: MAXIMIZING NATURAL LIGHT AND CROSS VENTILATION FOR COASTAL CLIMATE

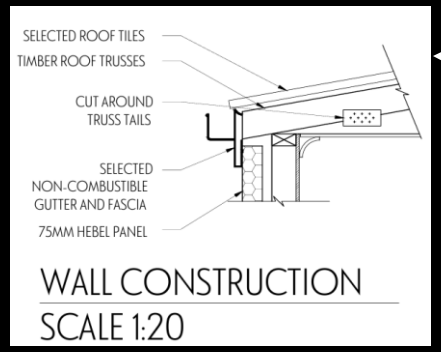


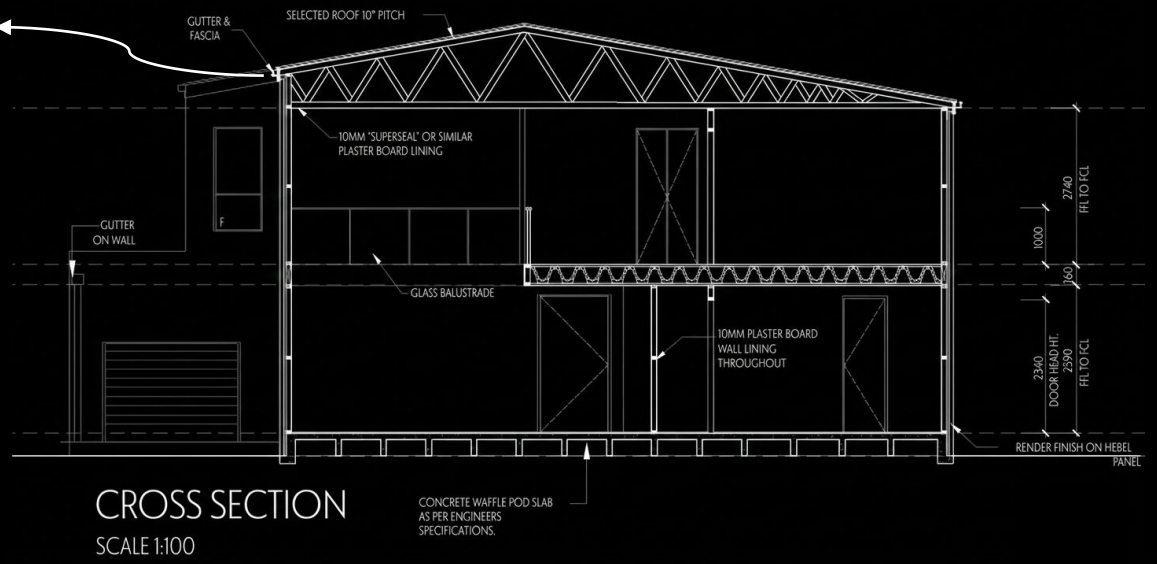
Strategic Glazing & Shading

Prevailing Breeze Orientation

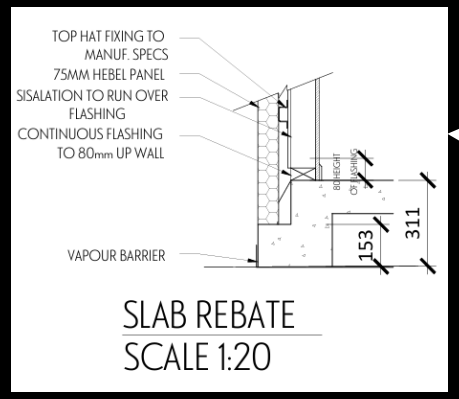
Ventilation Channels

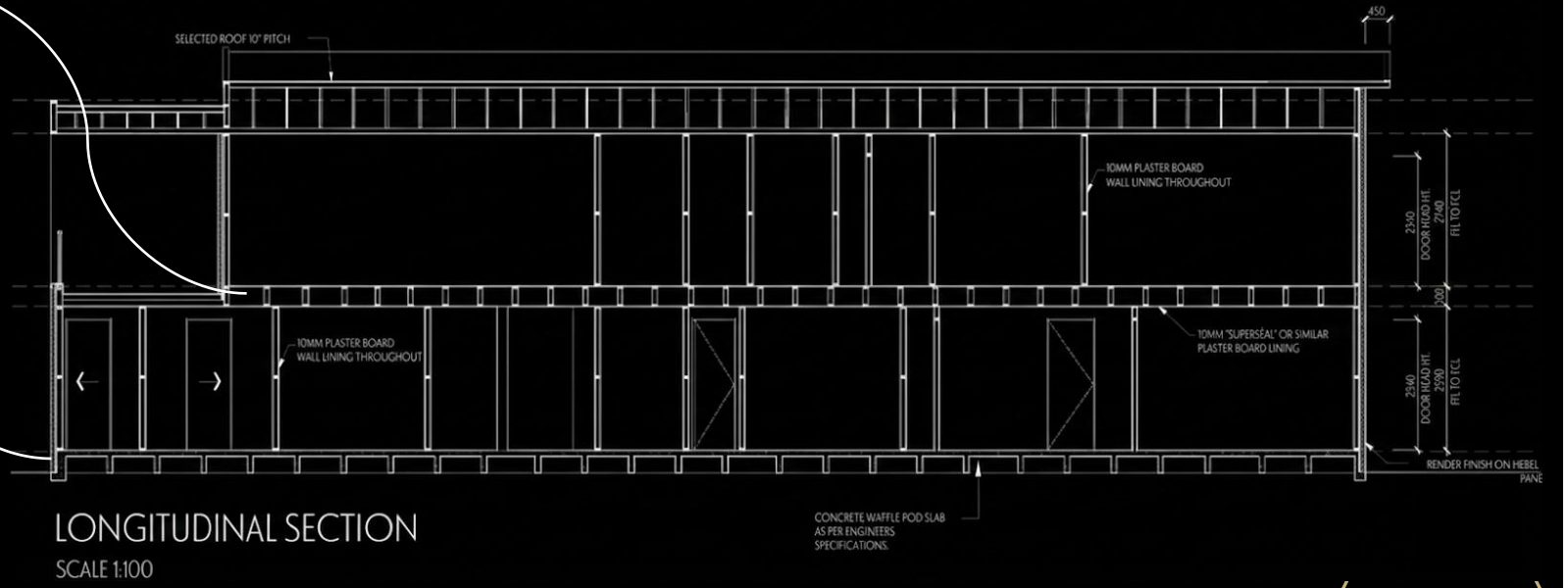
LOT 934 – Highpoint Street





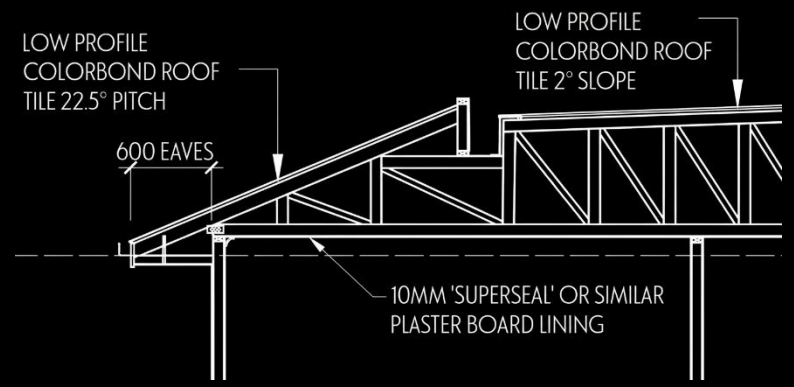
SLAB DETAILS
(ON SITE)

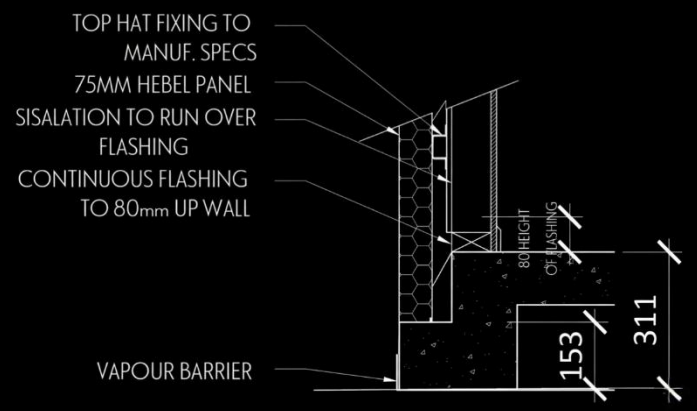




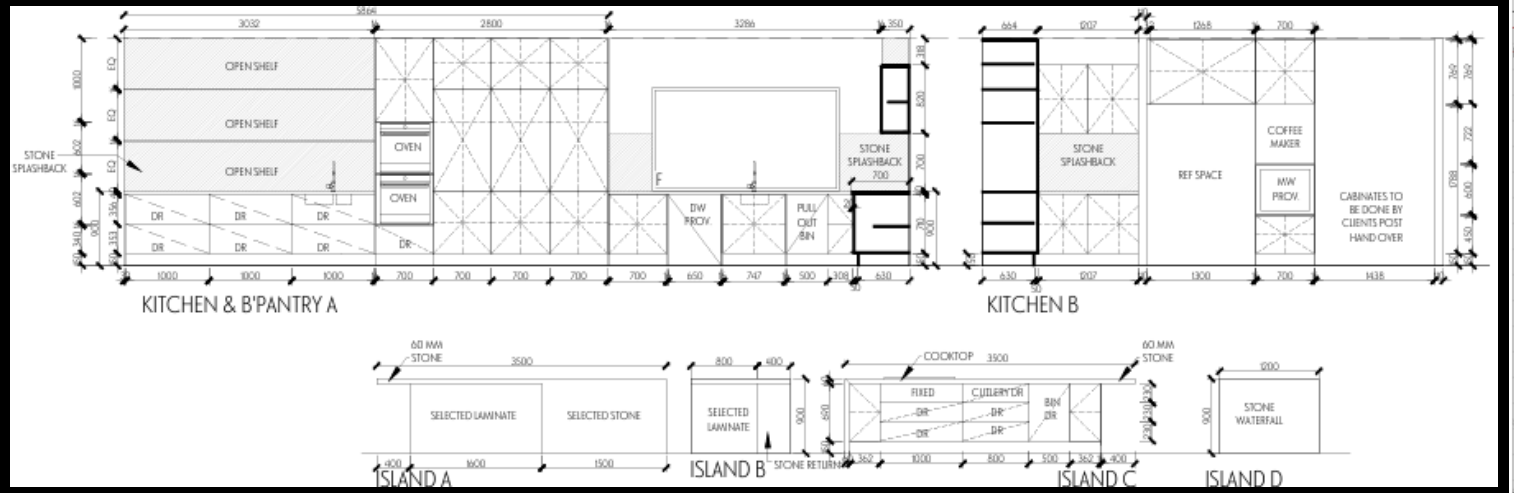
SECTIONS

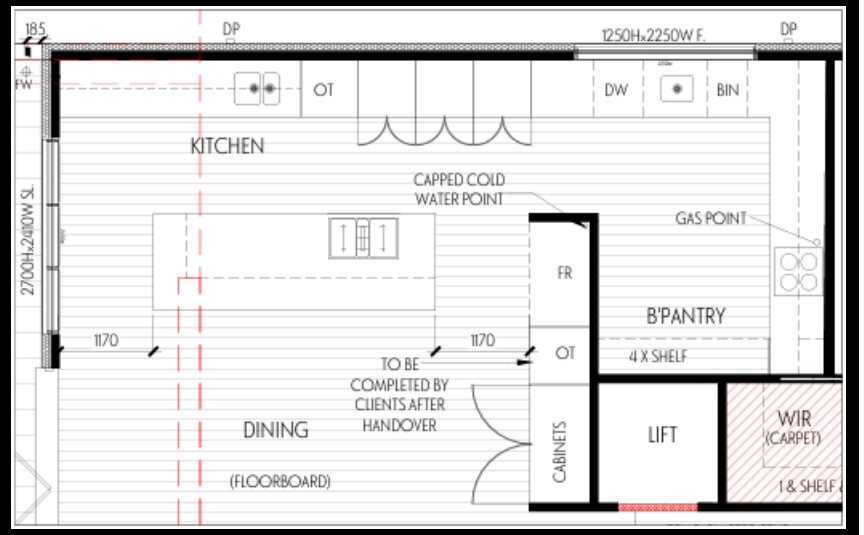
The wall framing is the skeleton of a wall in a house. It provides a stable structure that supports the weight of the house and live loads, transfer wind loads to the footings and diaphragms and also provide a framework for attaching wall coverings, such as drywall or siding. In terms of nomenclature, the wall frame comprises bottom and top plates, studs, jamb studs at each side of openings, noggings, tie-down steel rods and lintels/trimmers above openings.

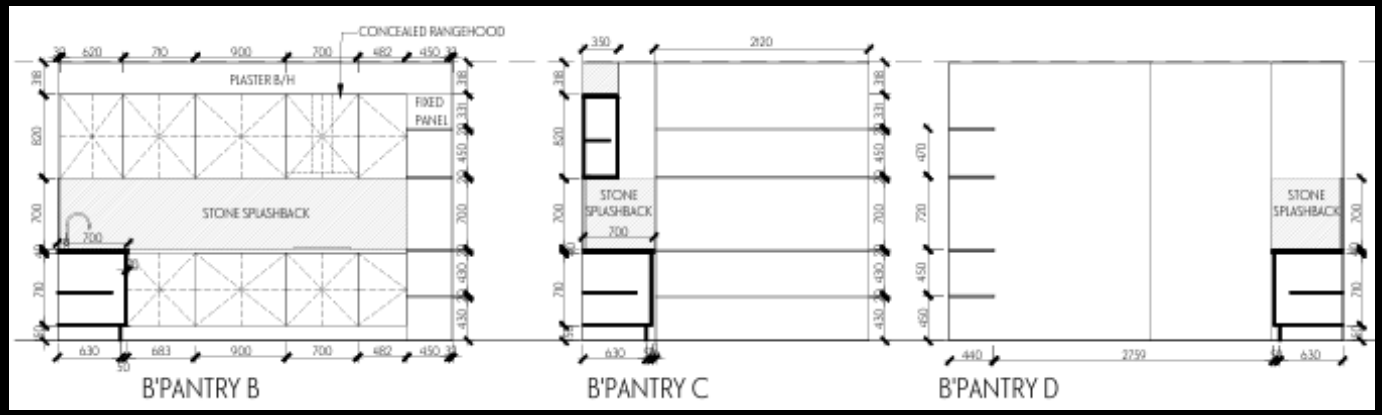


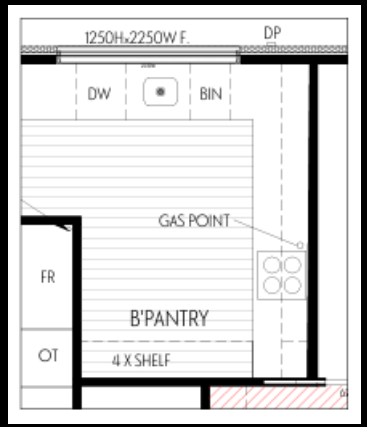


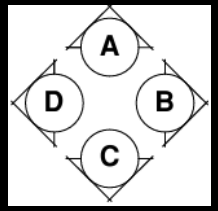
LOT 934 – Highpoint Street





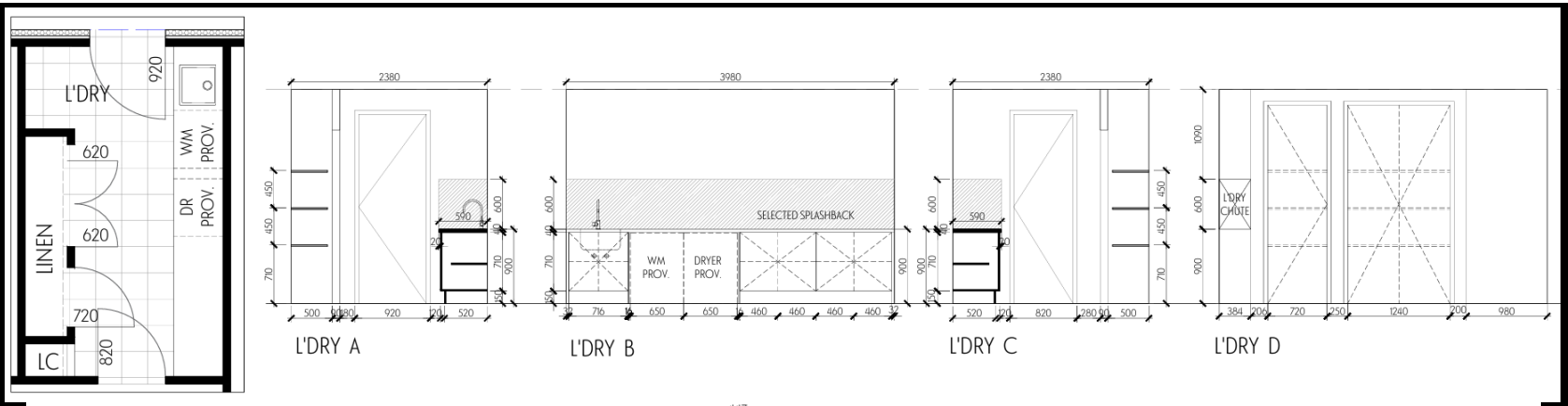


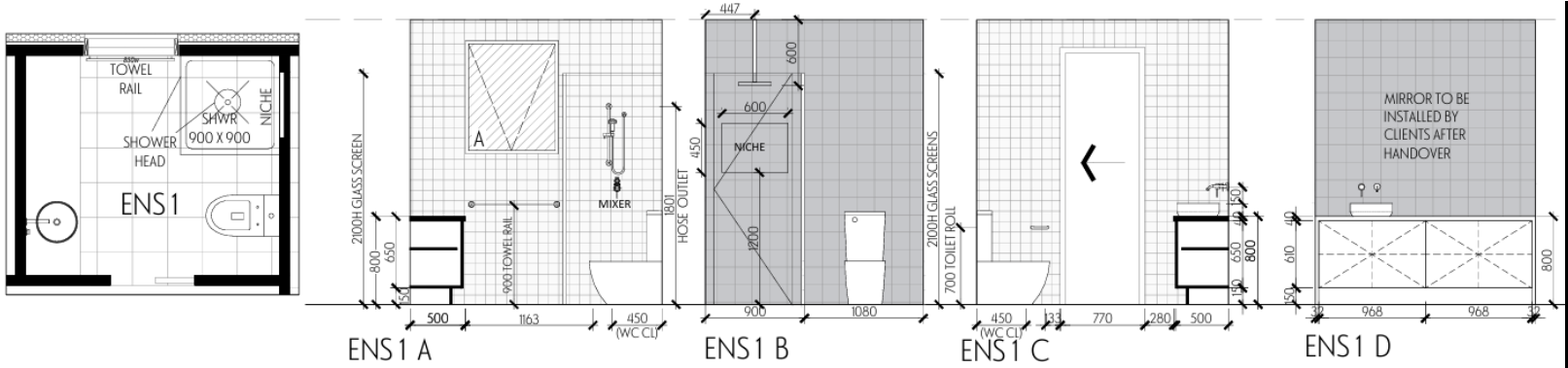


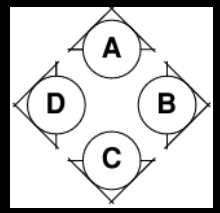


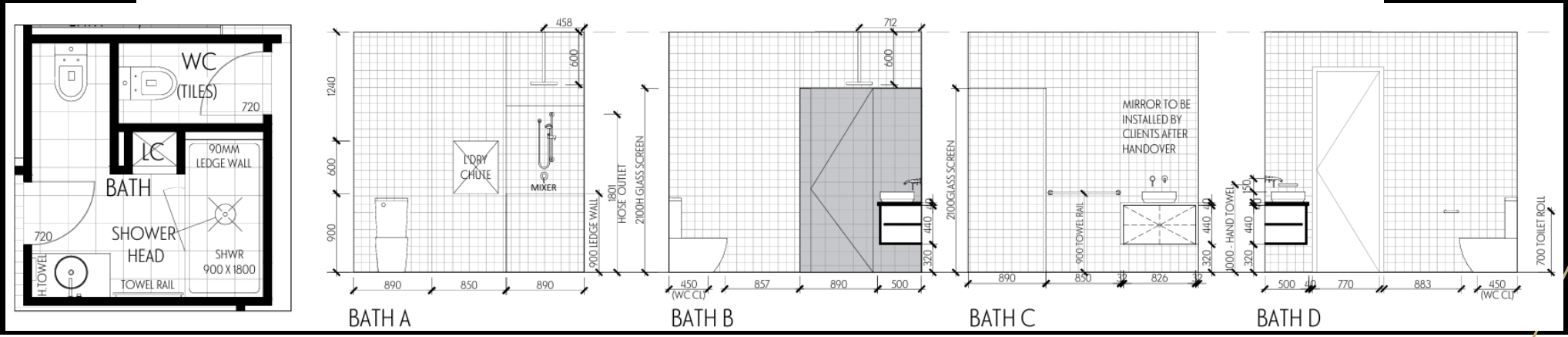
INTERNALS

LOT 934 – Highpoint Street



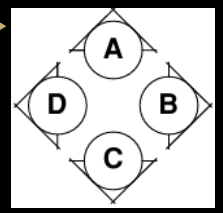


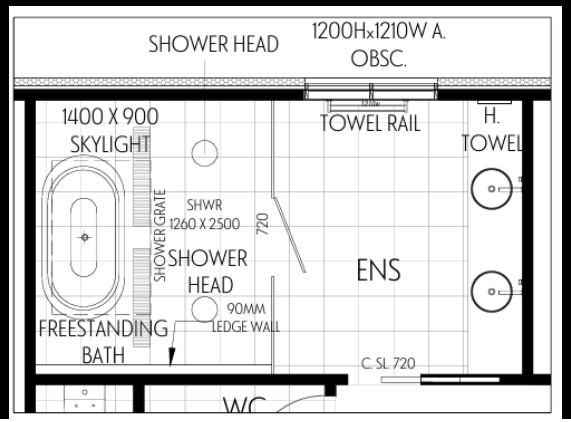


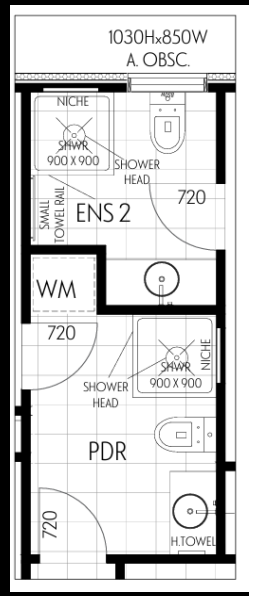


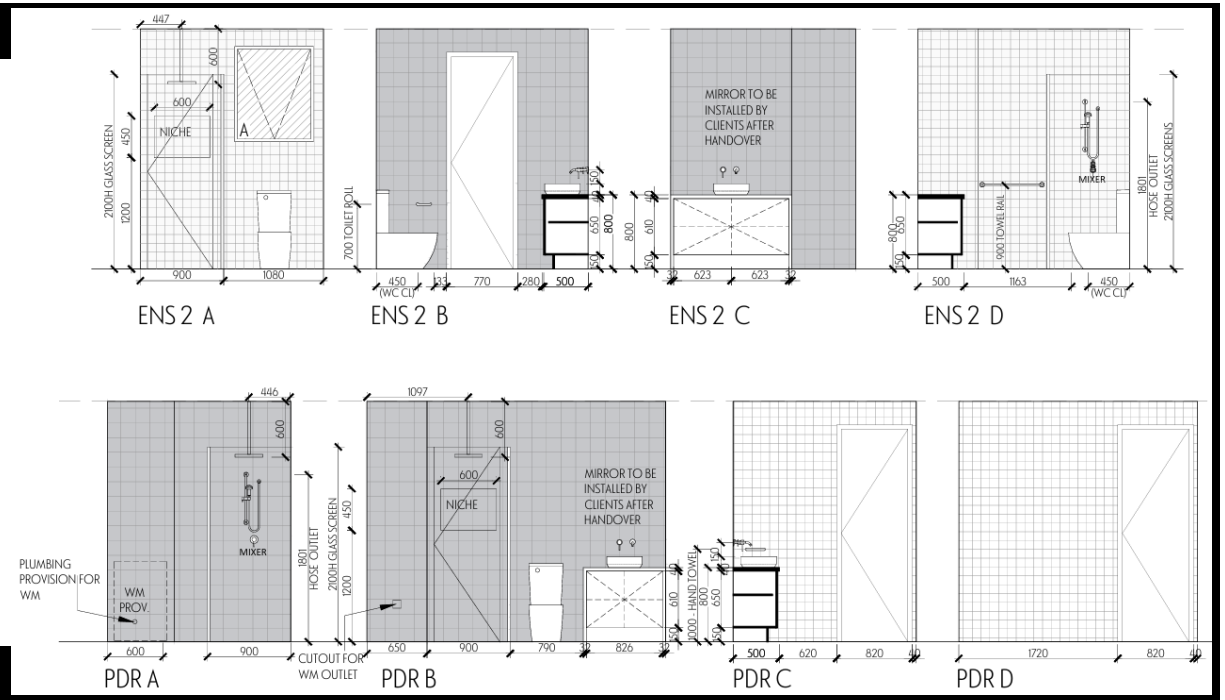
INTERNALS

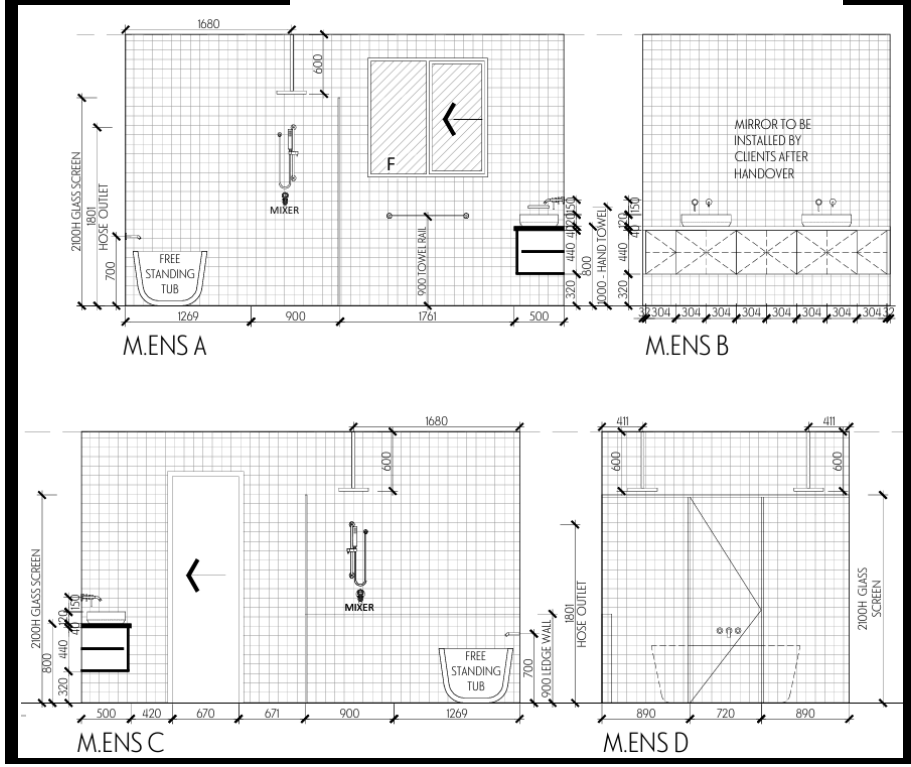
LOT 934 – Highpoint Street

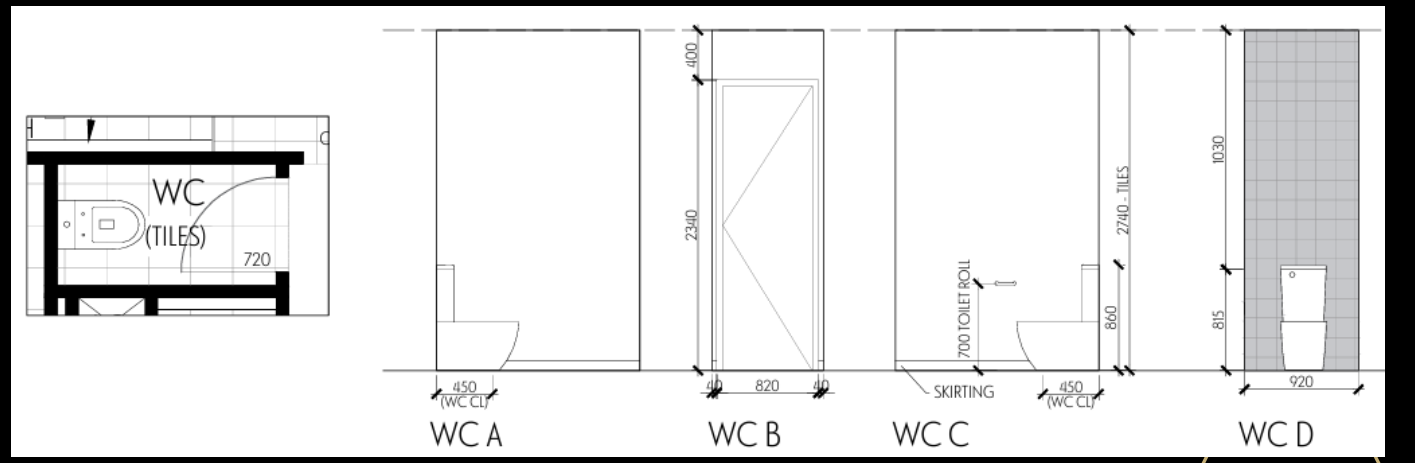












INTERNALS

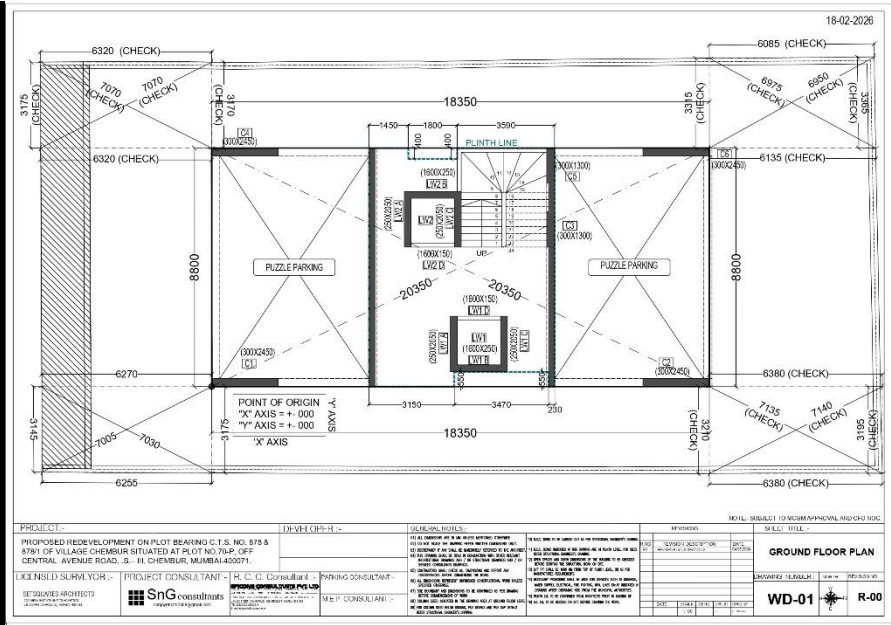
The construction progress of a single-story residential project by **HRC Building Group** on a sloped, bushland site.

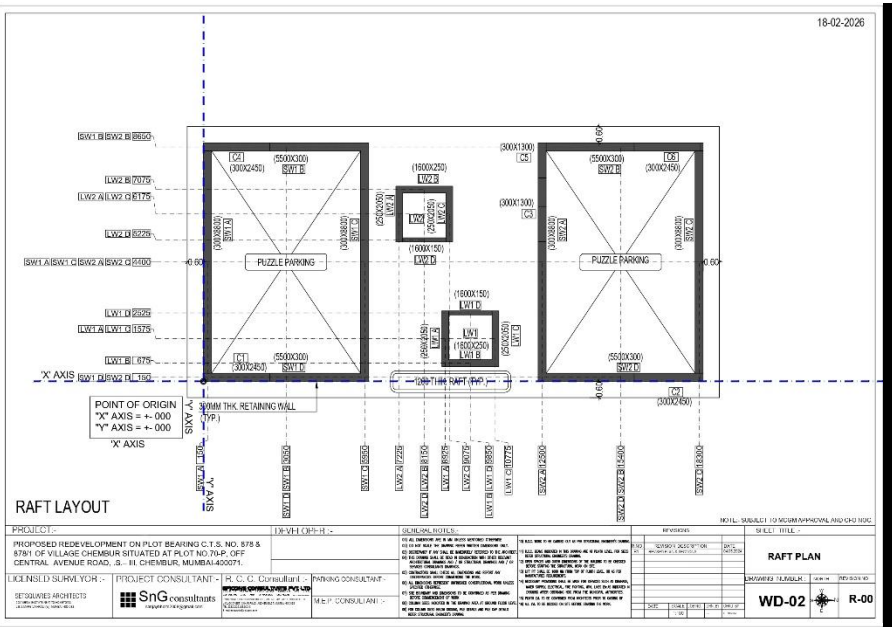
- Developed construction drawings
- Coordinated framing and slab drawings
- Produced 3D model for presentation

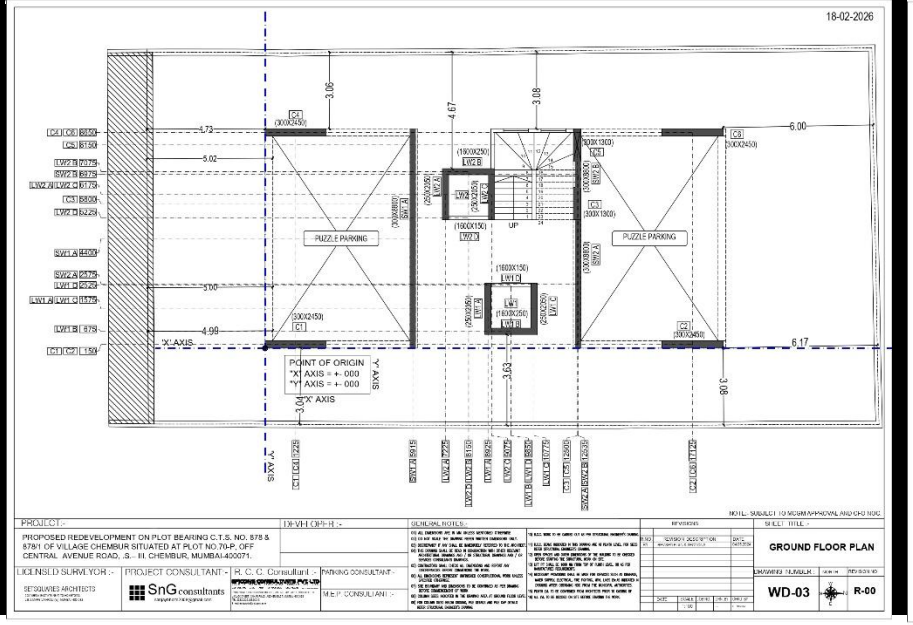
SnG Consultants

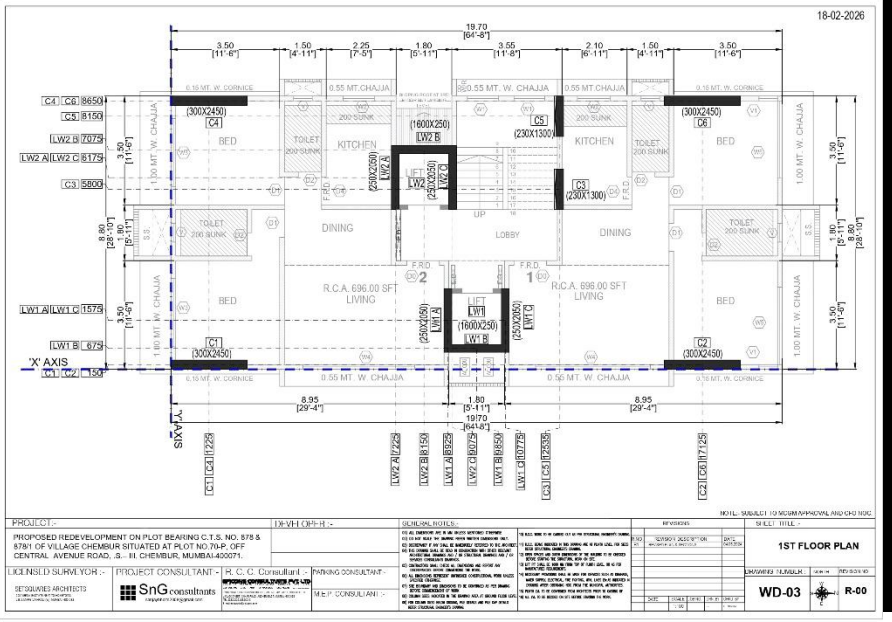
- AutoCAD working drawings
- Floor plans, elevations and sections
- SketchUp 3D model for visualization

AVENUE GLORY (Working)



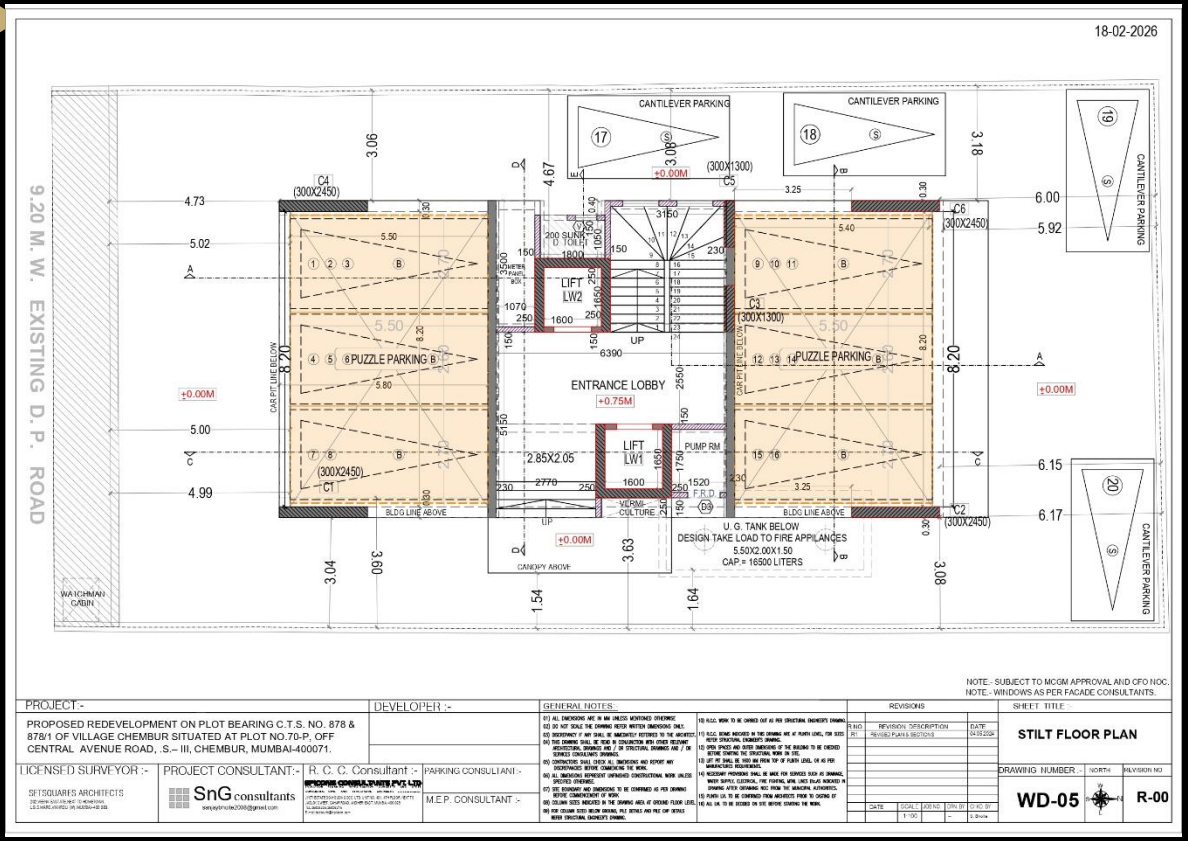


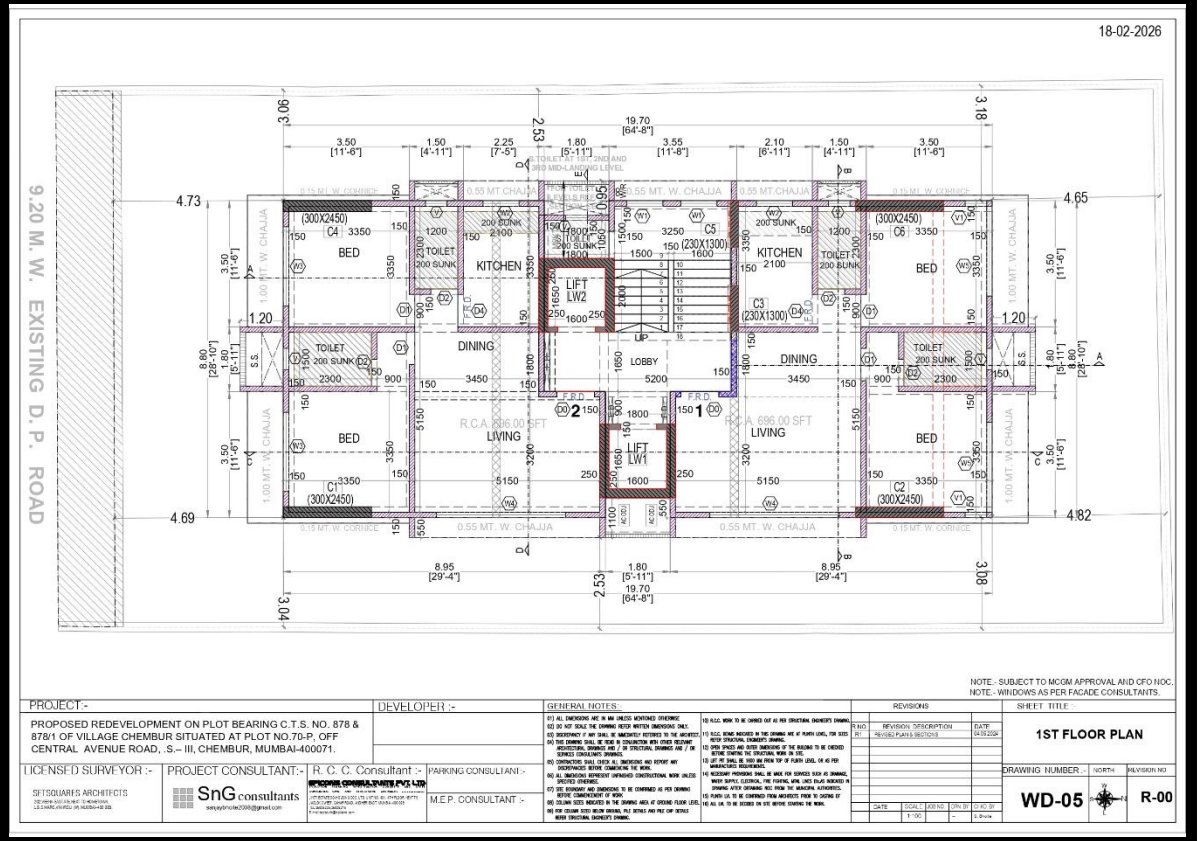




SET OUT & CENTRE LINE

AVENUE GLORY (Working)





DOOR SCHEDULE

TYPE	WIDTH	HEIGHT	ROOM	FRAME FINISH	FRAME SIZE	SHUTTER THK	TYPE
D0	1050	2450	MAIN ENT	WOODEN	65X125X2450	35 MM THK	F.R.D.
D1	900	2200	BED	WOODEN	65X125X2250	35 MM THK	
D2	750	2200	TOILET	WOODEN	65X125X2250	32 MM THK	
D3	900	2200	BED, KIT. & P. KIT.	GRANITE MARBLE	AS PER DWG.	32 MM THK	F.R.D.
D4	900	2200	KITCHEN	GRANITE MARBLE	AS PER DWG.	32 MM THK	F.R.D.

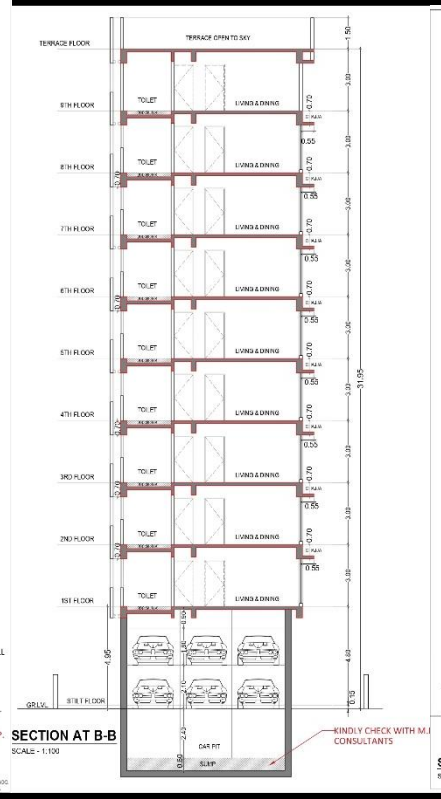
WINDOW SCHEDULE

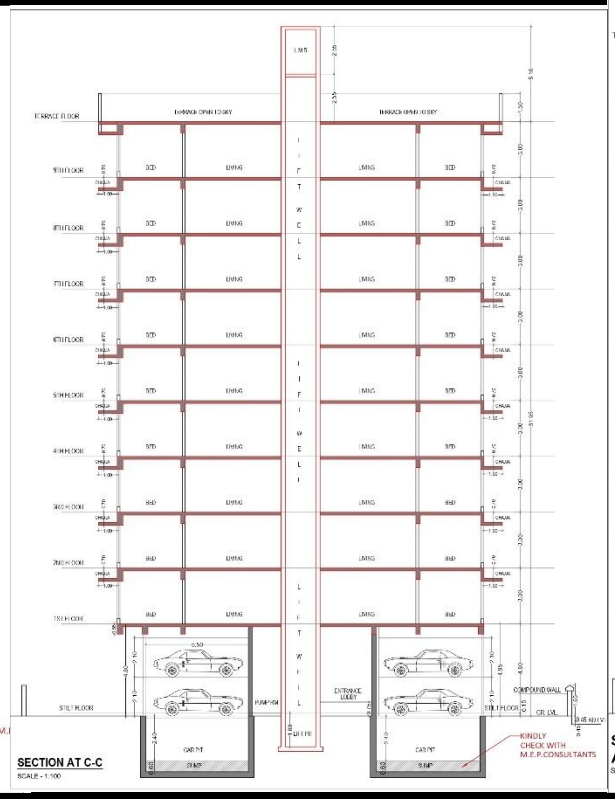
TYPE	SIZE	SILL	LINTEL	DESCRIPTION	ROOM	TYPE
W1	2250 X 1750	2000	2750	TOP OPENABLE + BOTTOM FIX GLASS	STAIRCASE	
W2	2950 X 1500	1000	2300	2 TRACK = 1 GLASS + 1 NET	KITCHEN	
W3	2200 X 2000	300	2300	3 TRACK = 2 GLASS + 1 NET	BED	
W4	3600 X 2150	150	2300	3 TRACK = 2 GLASS + 1 NET	LIVING	
W5	2950 X 2000	300	2300	3 TRACK = 2 GLASS + 1 NET	BED	CORNER WINDOW
V1	800 X 2000	300	2300	TOP OPENABLE + BOTTOM FIX GLASS		
V	600 X 1150	1200	2300	LOUVERED WINDOW + EXHAUST FAN	TOILET	

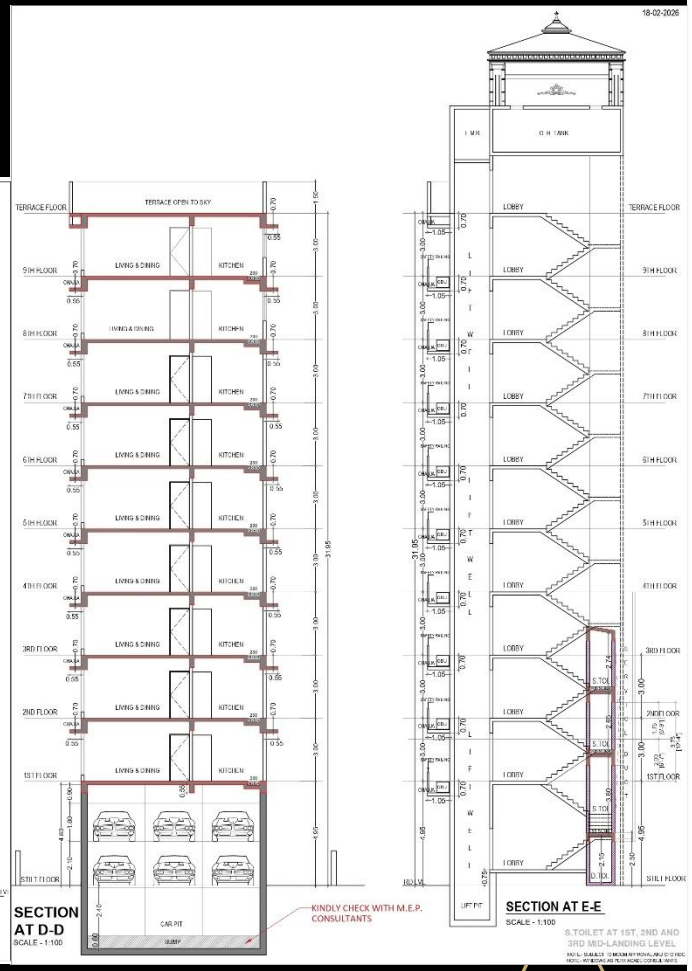
NOTE: 1. ALL WINDOWS ARE ALUMINUM POWDER COATED WINDOWS.

PLANS

AVENUE GLORY (Working)







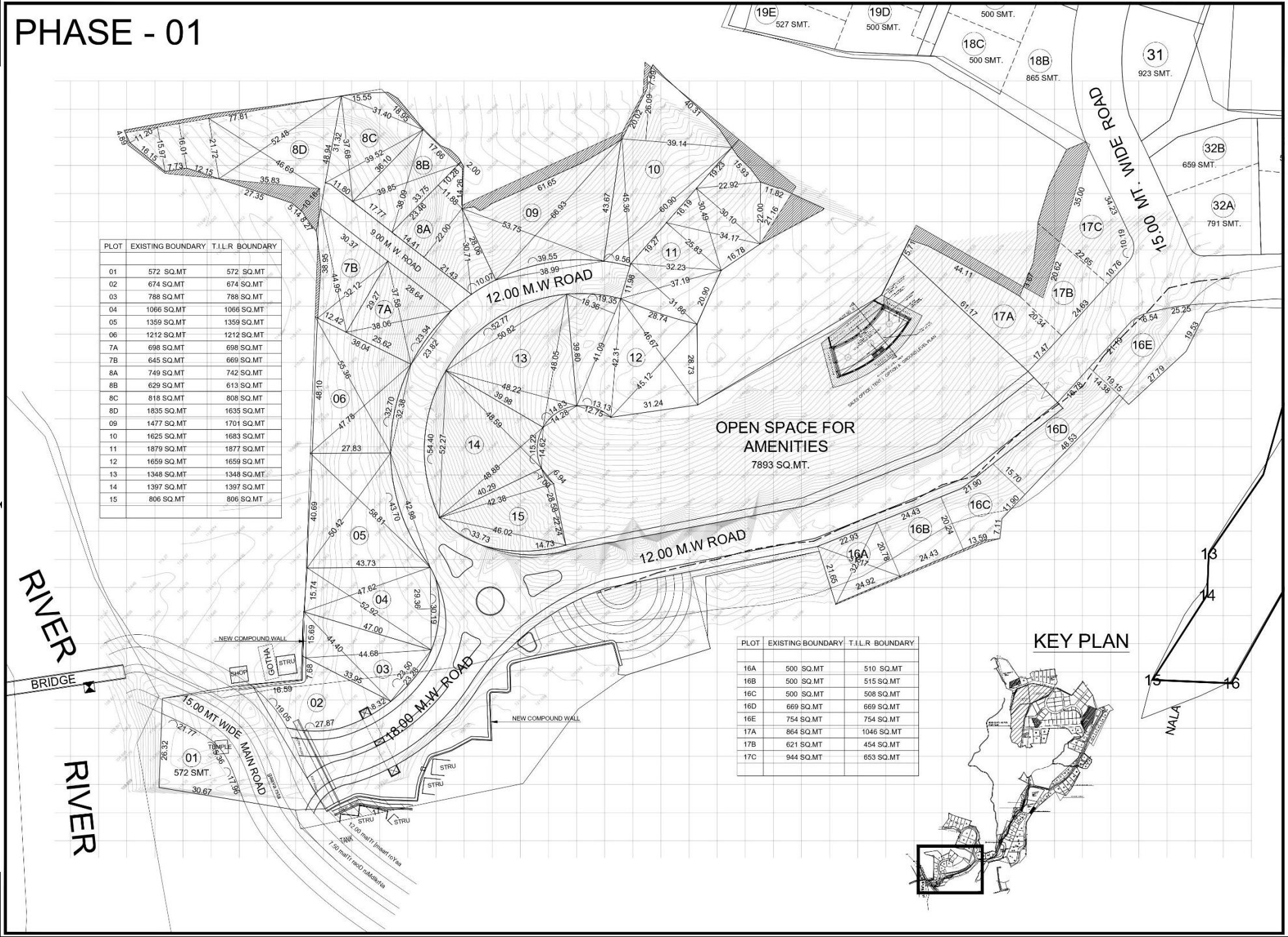
SECTIONS

MASTER PLANNING

TEMBHARE
KARJAT - PHASE 1

AREA = 45,486 SQ.MT

PHASE - 01



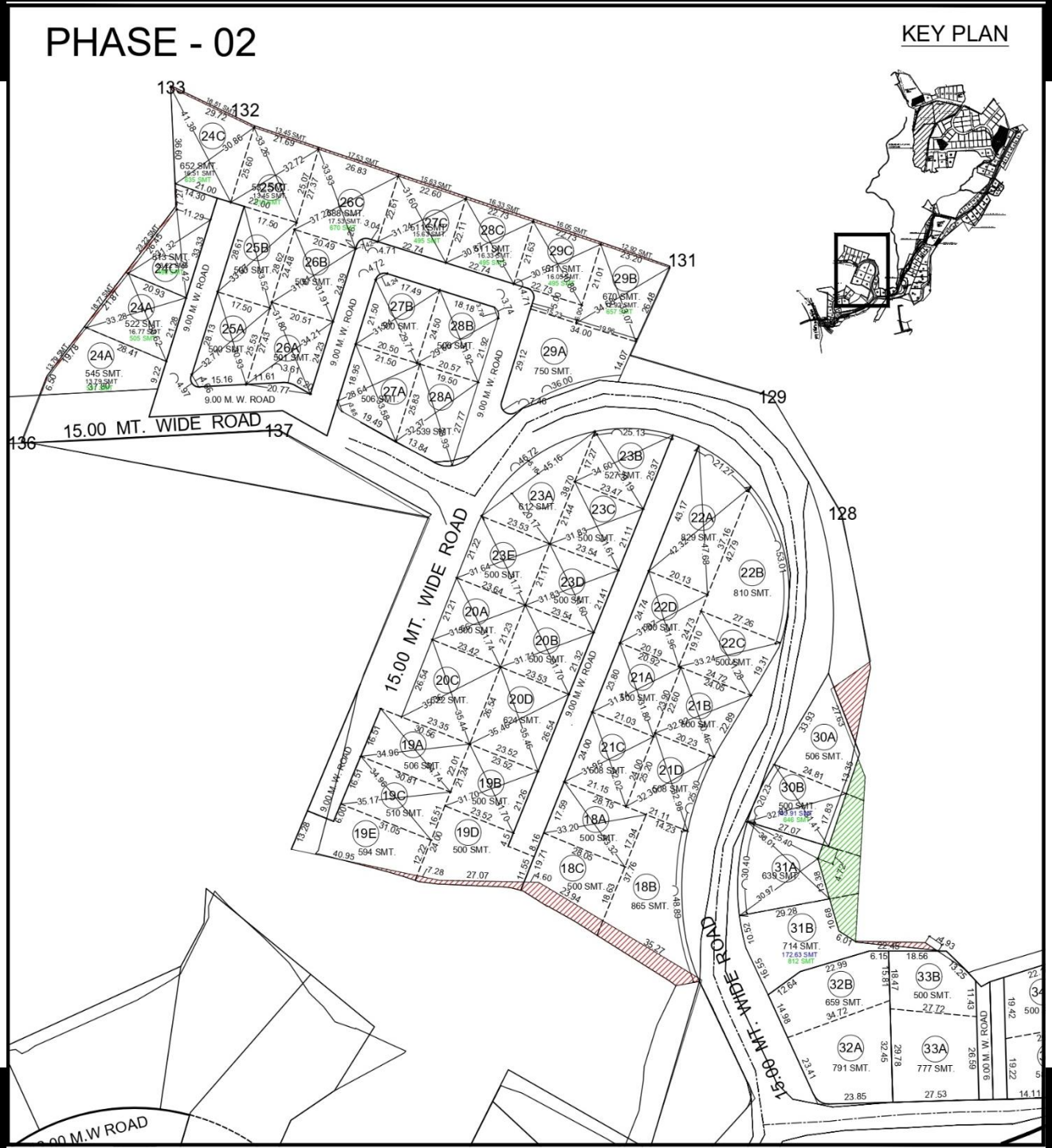
PLOT	EXISTING BOUNDARY	T.I.L.R BOUNDARY
01	572 SQ.MT	572 SQ.MT
02	674 SQ.MT	674 SQ.MT
03	788 SQ.MT	788 SQ.MT
04	1066 SQ.MT	1066 SQ.MT
05	1359 SQ.MT	1359 SQ.MT
06	1212 SQ.MT	1212 SQ.MT
7A	698 SQ.MT	698 SQ.MT
7B	645 SQ.MT	669 SQ.MT
8A	749 SQ.MT	742 SQ.MT
8B	629 SQ.MT	613 SQ.MT
8C	818 SQ.MT	808 SQ.MT
8D	1835 SQ.MT	1635 SQ.MT
09	1477 SQ.MT	1701 SQ.MT
10	1625 SQ.MT	1683 SQ.MT
11	1879 SQ.MT	1877 SQ.MT
12	1659 SQ.MT	1659 SQ.MT
13	1348 SQ.MT	1348 SQ.MT
14	1397 SQ.MT	1397 SQ.MT
15	806 SQ.MT	806 SQ.MT

PLOT	EXISTING BOUNDARY	T.I.L.R BOUNDARY
16A	500 SQ.MT	510 SQ.MT
16B	500 SQ.MT	515 SQ.MT
16C	500 SQ.MT	508 SQ.MT
16D	669 SQ.MT	669 SQ.MT
16E	754 SQ.MT	754 SQ.MT
17A	864 SQ.MT	1046 SQ.MT
17B	621 SQ.MT	454 SQ.MT
17C	944 SQ.MT	653 SQ.MT

MASTER PLANNING

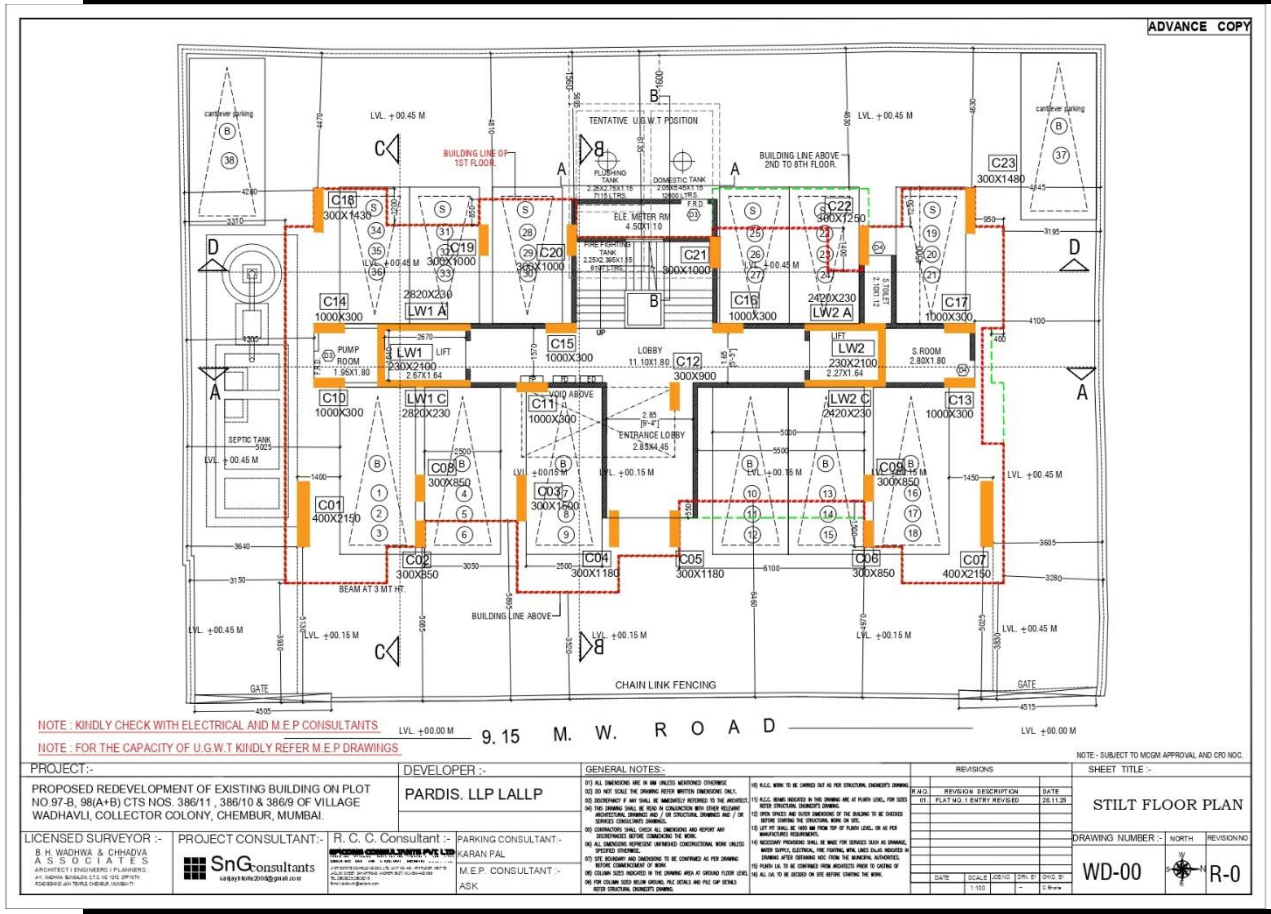
TEMBHARE
KARJAT - PHASE 2

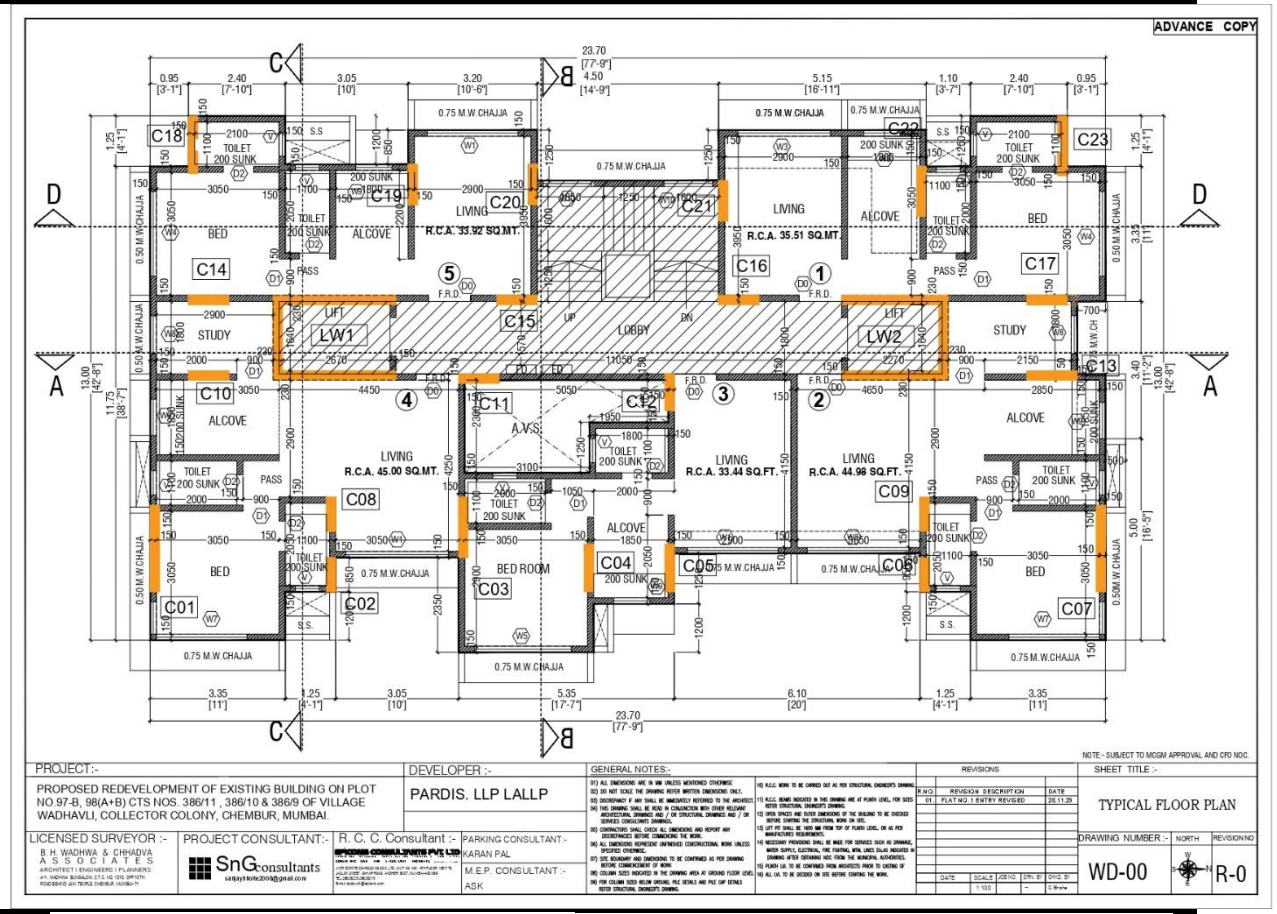
AREA = 48,643 SQ.MT



PLOT 97-98

[redacted]





DOOR SCHEDULE

TYPE	WIDTH	HEIGHT	ROOM	FRAME FINISH	FRAME SIZE	SHUTTER THK.	TYPE
D0	1050	2200	MAIN ENT	WOODEN	65X125X2450	55 MM THK.	F.R.D.
D1	900	2200	BED	WOODEN	65X160X2450	55 MM THK.	
D2	750	2200	TOILET	WOODEN	65X100X2200	32 MM THK.	
D3	900	2200	ELE. RM. & P. RM.	GRANITE/ MARBLE	AS PER DWG.	32 MM THK.	F.R.D.
D4	750	2200	S.RM / S.TOI.	GRANITE/ MARBLE	AS PER DWG.	32 MM THK.	

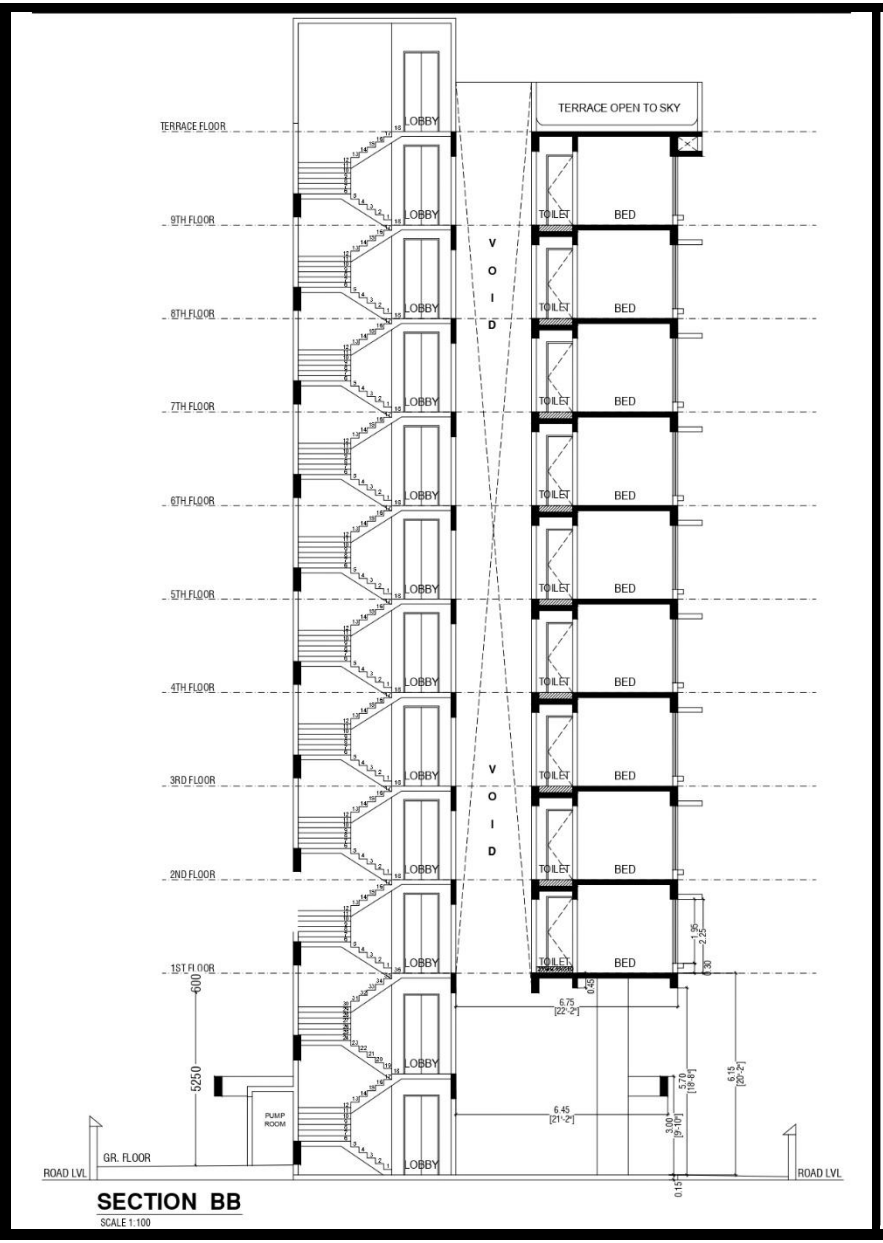
WINDOW SCHEDULE

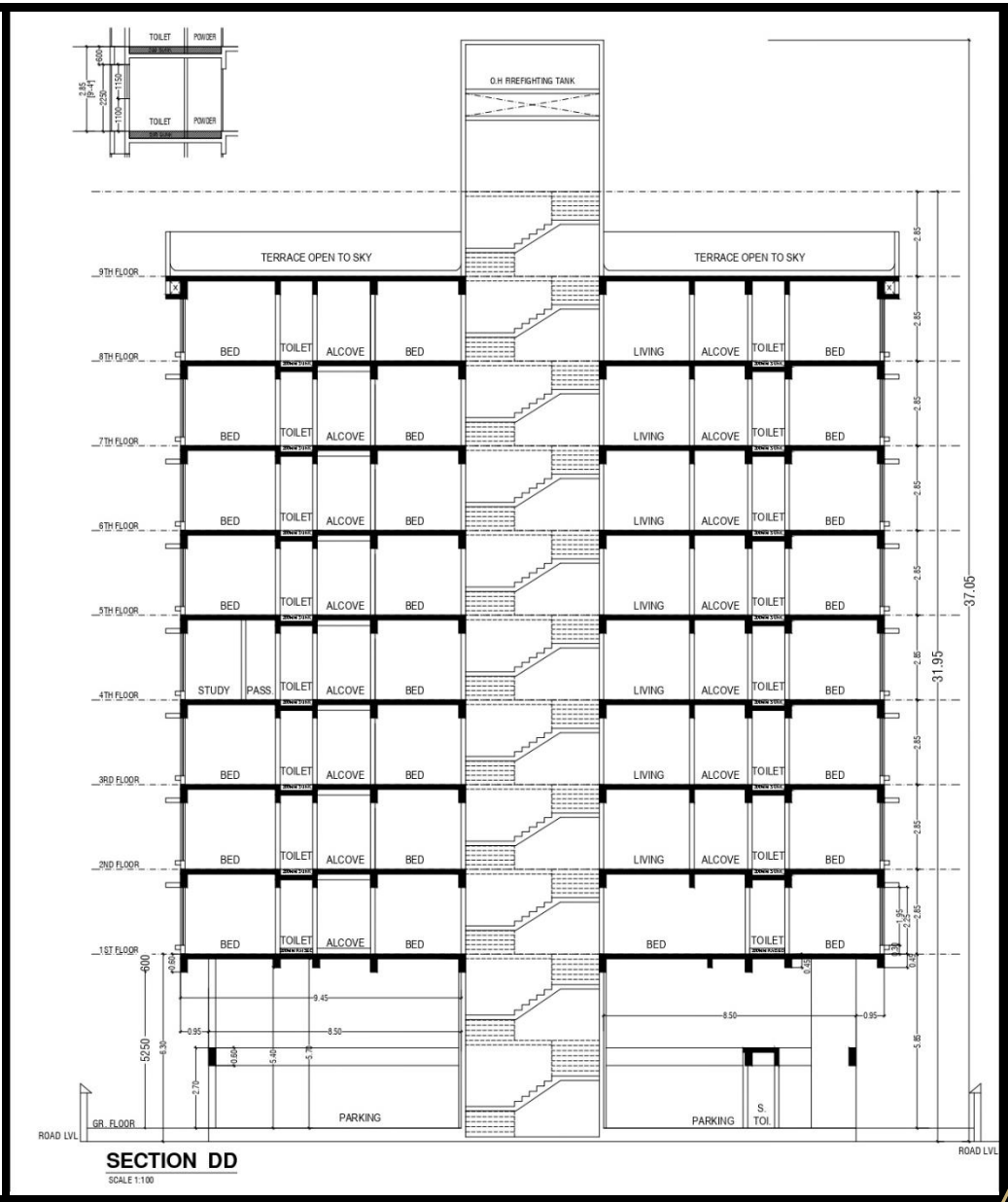
TYPE	SIZE	SILL	LINTEL	DESCRIPTION	ROOM	TYPE
W1	2250 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	LIVING	
W2	2550 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	LIVING	
W3	2300 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	LIVING	
W4	2100 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	BED	
W5	2400 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	BED	
W6	2600 X 1950	300	2250	3 TRACK = 2 GLASS + 1 NET	BED	
W7	2250 X 1950 800 X 1950	300 300	2250 2250	3 TRACK = 2 GLASS + 1 NET TOP OPENABLE + BOTTOM FIX GLASS	BED	CORNER WINDOW
W8	950 X 1950	300	2250	2 TRACK = 1 GLASS(TOP OPENABLE + BOTTOM FIX)+ 1 NET	STUDY	
W9	900 X 1250	1000	2250	2 TRACK = 1 GLASS + 1 NET	ALCOVE	
W10	1200 X 1850	300	2150	TOP OPENABLE + BOTTOM FIX GLASS	STAIRCASE	
V	600 X 1150	1100	2250	LOUVERED WINDOW + EXHAUST FAN	TOILET	

NOTE: 1. ALL WINDOWS ARE ALUMINUM POWDER COATED WINDOWS.

PLANS

PLOT 97-98

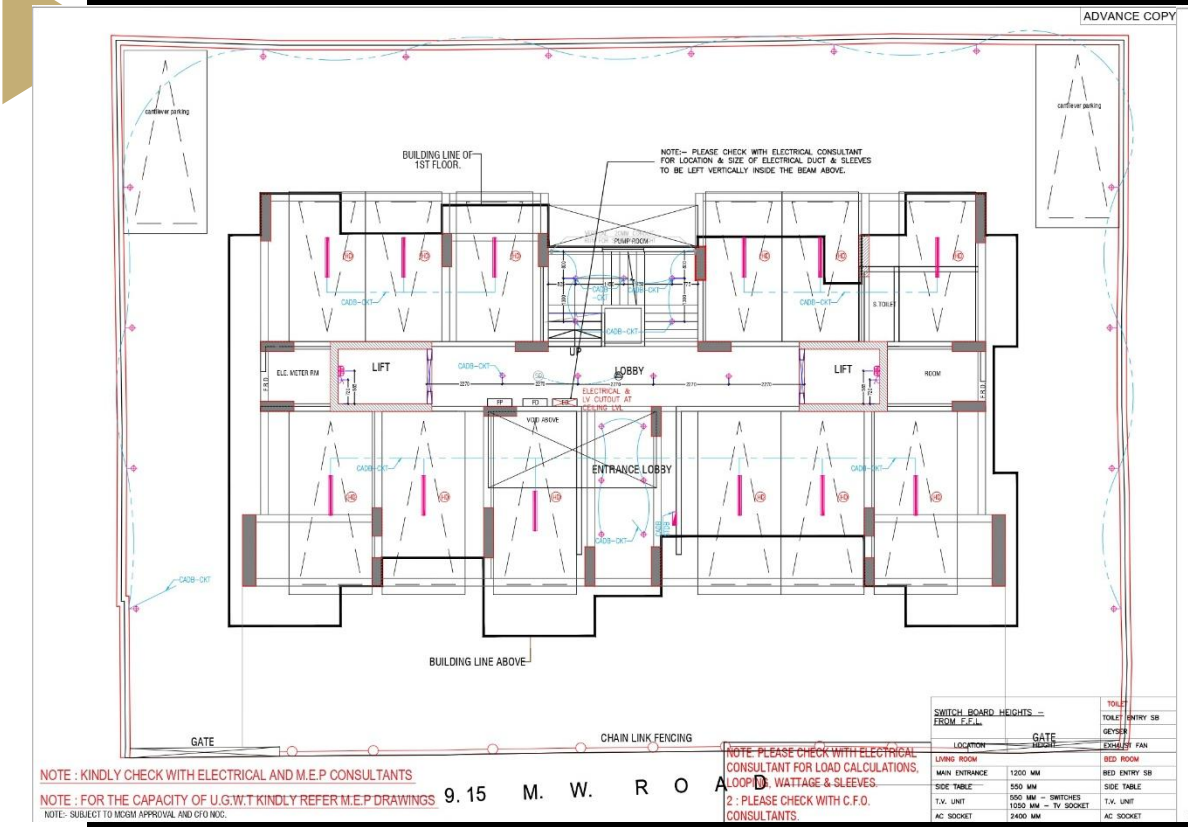




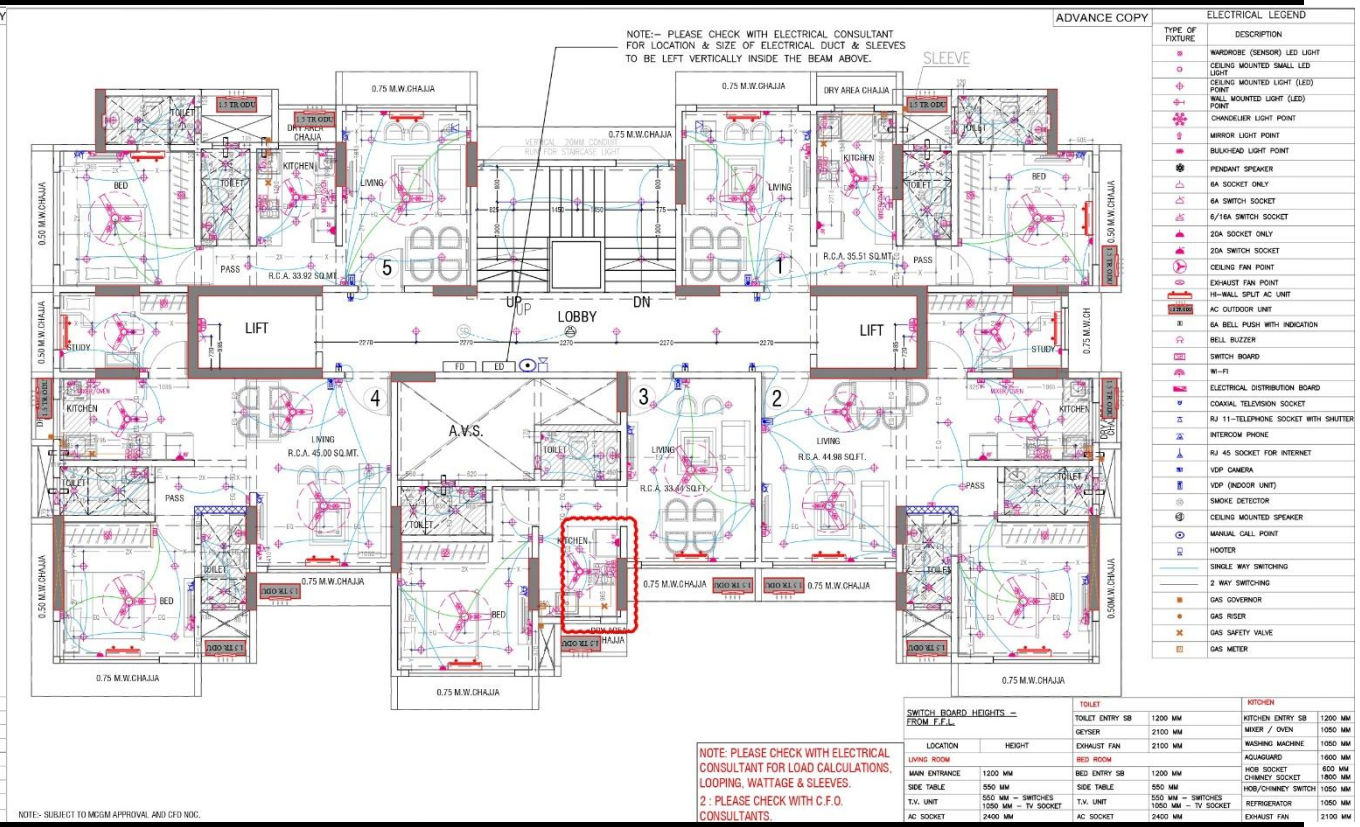
SECTIONS

PLOT 97-98

[redacted]



GROUND FLOOR PLAN



FIRST FLOOR PLAN

[redacted]

ELECTRICAL LAYOUT

La PRINCESS

18.30 M. W. CEASER ROAD

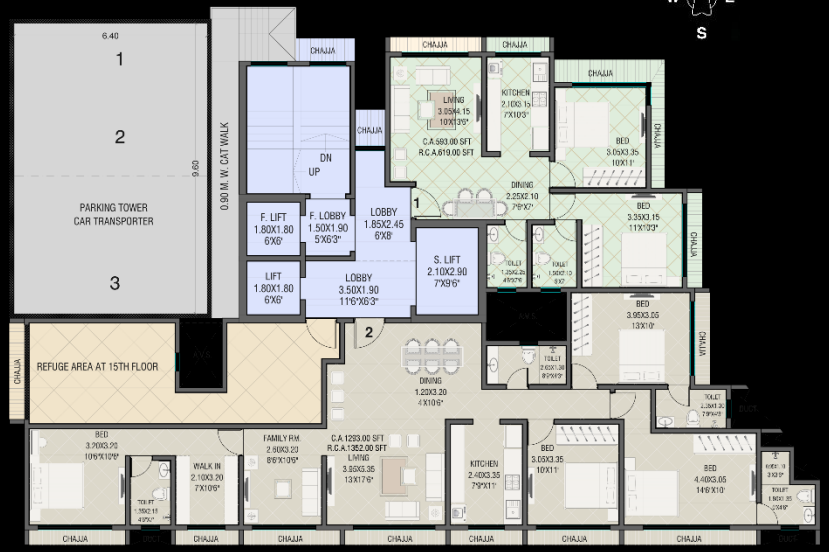
N
W E
S

CEASER ROAD, ANDHERI (WEST)

PLOT AREA - 795.50 SQ.MT.

GROSS PERMISSIBLE AREA - 3939.20 SQ.MT.

PROPOSED B.U.A. - 3509.43 SQ.MT.



TYPICAL FLOOR LAYOUT

La PRINCESS

A multi-use high-rise development featuring a mix of commercial and residential spaces.

The ground and lower levels are dedicated to retail and office space, featuring high-visibility glass storefronts and an entrance lobby.

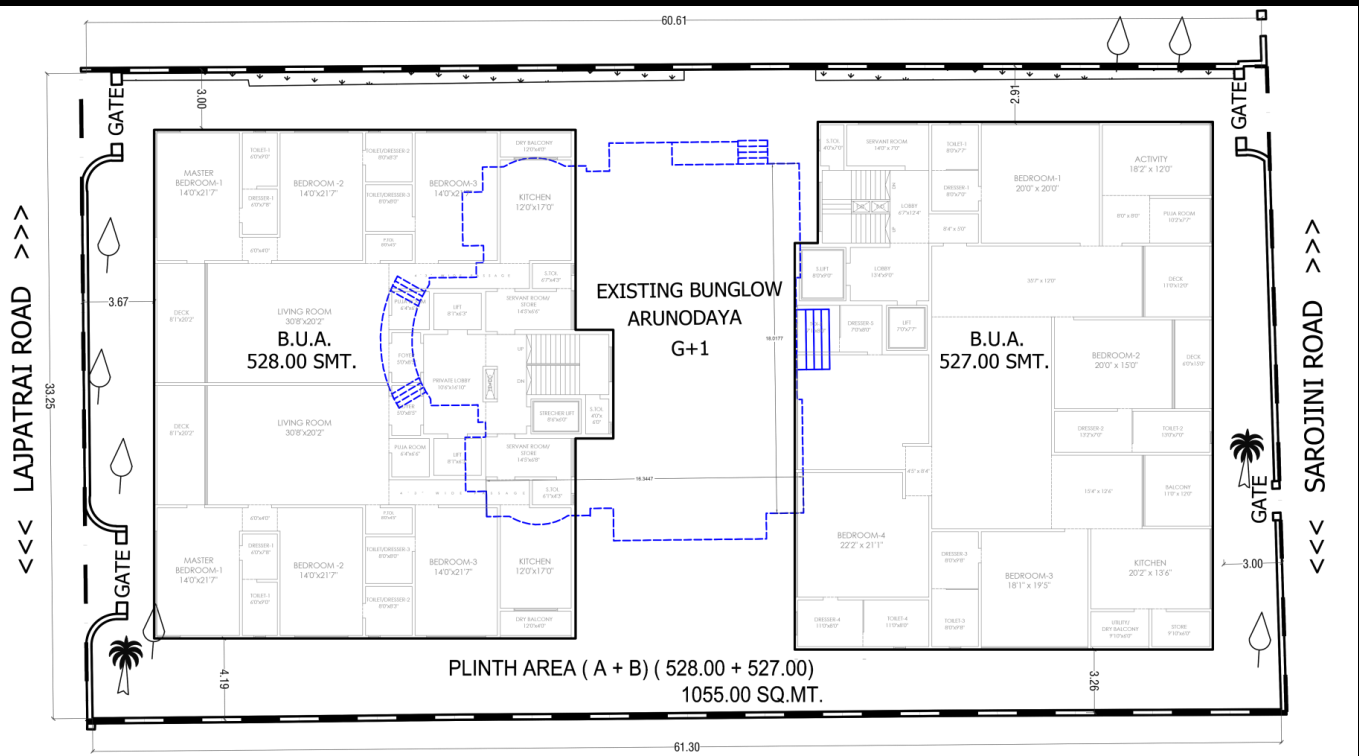
ARUNODAYA

•The transition from a single-story structure to a multi-story residential building (Arunodaya) addresses the high demand for housing and utilizes the site's footprint more efficiently.

•A new build ensures compliance with contemporary seismic codes, fire safety regulations, and accessibility requirements that are often impossible or cost-prohibitive to implement in a failing heritage structure.

ARUNODAYA (.FP. NO. 73 C.T.S. NO. 1153/5, 1153/7 OF VILLAGE – VILE PARLE WEST, LAJPATRAI ROAD, VILE PARLE (W), MUMBAI – 400056)

Feature	Existing Heritage Structure	Proposed Redevelopment
Scale	Low-rise / Single occupancy	High-rise / Multi-family residential
Condition	Stained, weathered, and aging infrastructure	Modern materials with integrated lighting and green balconies
Utilities	External, outdated plumbing/wiring	Integrated, concealed modern MEP systems



ARONODAYA EXISTING BUGLOW WITH PROPOSED TYPICAL FLOOR PLAN

VRINDAVAN

BUILDING NO. 16 , VRINDAVAN CHSL , KHER NAGAR ROAD NO. 6 , KHERNAGAR , BANDRA (EAST), MUMBAI - 400051

13TH TO 14TH, 16TH TO 21ST & 23RD TO 25TH FLOOR PLAN

Vrindavan is a modern, high-rise residential development featuring a sleek, contemporary design.
The building utilizes a podium-style architecture to maximize space for parking and amenities in a dense urban environment.

TOTAL FSI CONSUMED - 13159.00 SQ.MT.

Thank You

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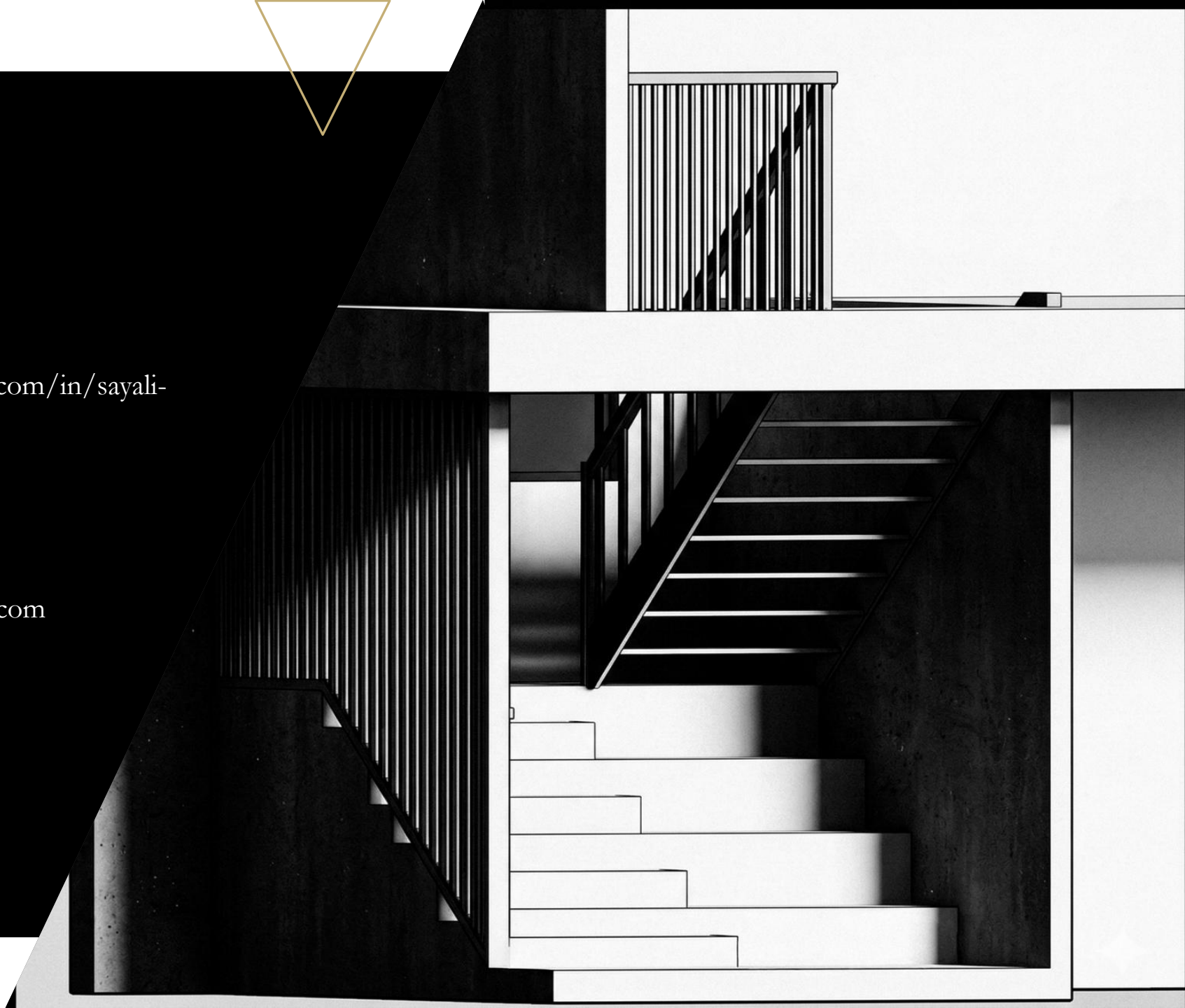
Phone
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