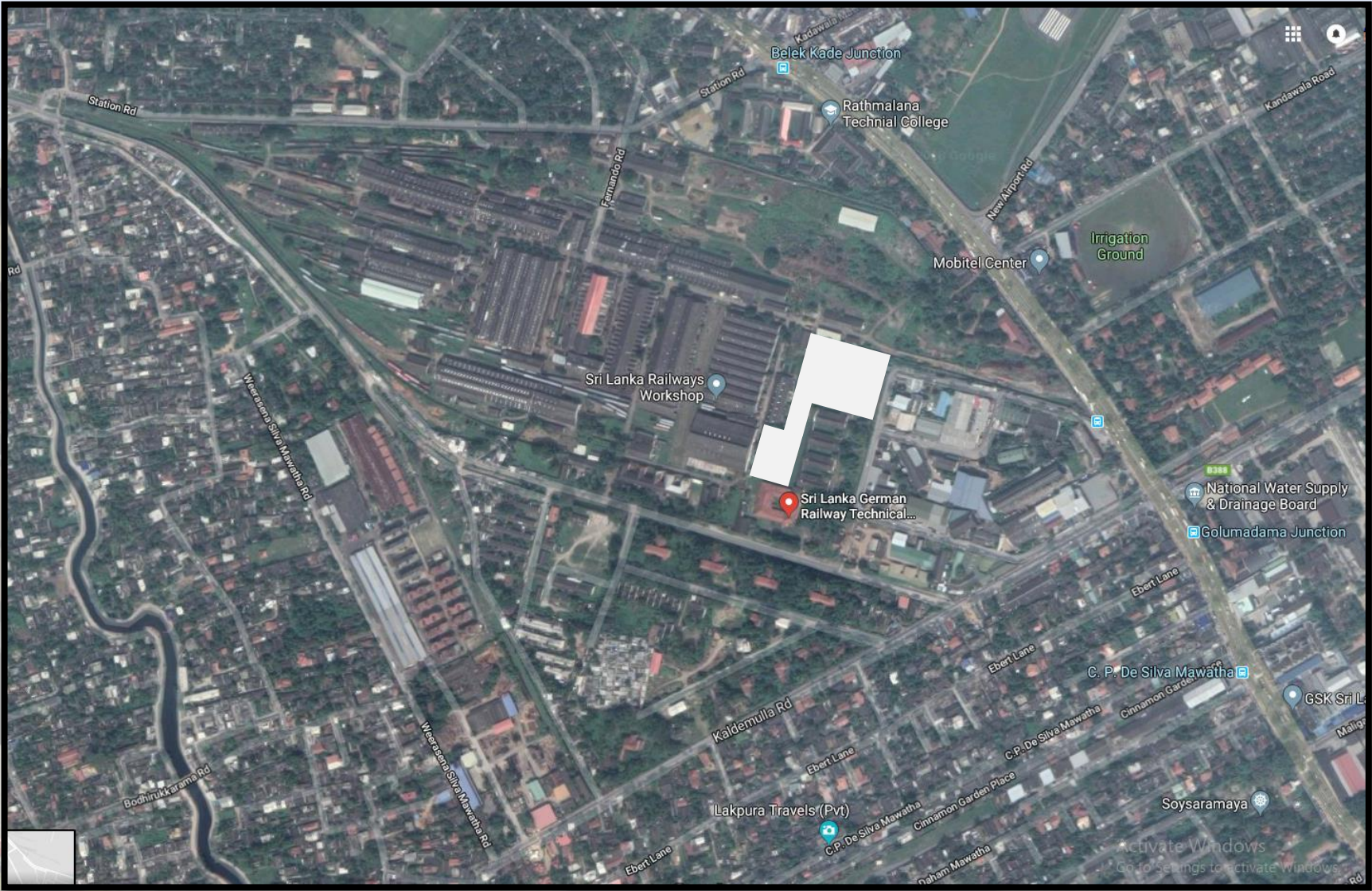
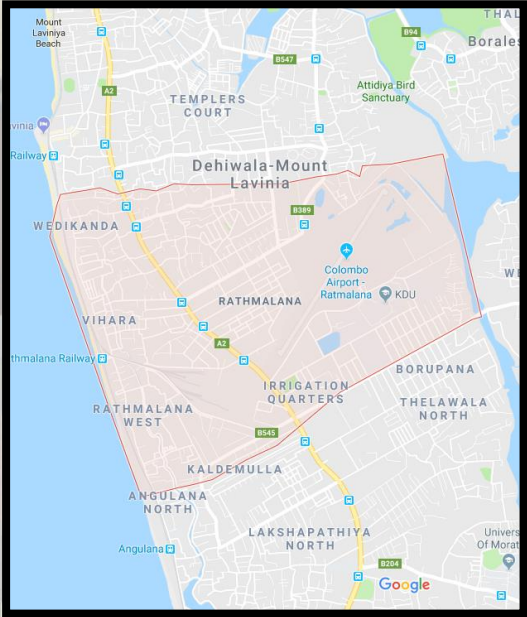


PROPOSED NEW BUILDING FOR SRI LANKA GERMAN RAILWAY TECHNICAL TRAINING CENTRE @ RATHMALANA



LOCATION PLAN





DESIGN BRIEF & LIST OF FACILITY

NO	SPACE	PARTICULAR	AREA (sqm)	NO	TOTAL AREA	REMARKS
1	ACADEMIC & ADMIN BUILDING	COMPUTER CENTRE	60	1	60	ROOMS FOR 30 COMPUTER WORKSTATIONS & SERVERS FOR A SEATING CAPACITY OF UP TO 40 STUDENTS CENTRAL STORES FACILITY WITH SMALL OFFICE FOR PUOCUREMENT
		CLASS ROOM	60	3	180	
		STORE & PROCUREMENT CELL	90	1	90	
		COUNSELING & PLACEMENT CELL	30	1	30	STUDENT COUNSELINGS
		INDUSTRIAL CONSULTANCY AND MARKETING CELL	30	1	30	OFFICE FOE SRATING 3 PEOPLE
		LIBRARY	100	1	100	SHOULS HAVE CUBICLES FOR COMPUTERS, RACK FOR BOOKS AND CENTRAL TABLE FOR STUDENTS
		CONFERENCE HALL	60	1	60	MULTI – PURPOSE ROOM MAY ACCOMMODATE LECTURE- STYLE INSTRUCTION OR ENCOURAGE INTERACTION IN THE FORM OF ROUNDTABLE DISCUSSIONS AND VEDIO CONFERENCES (DEPENDING ON SEATING CONFIGURATION)
		LOBBY	50	1	50	CENTRAL LOCATION FPR BUILDING DIRECTORY, SCHEDULES AND GENERAL INFORMATION
		TOILET (M/F)	10	2	20	SEPARATE FOR MALE & FEMAIL
2	WORKSHOP BUILDING (SINGLE FLOOR)	COMMON WORKSHOP FOE 1 ST YEAR	600	1	600	FOR 120 STUDENTS. 5 M CELING HEIGHT.CONCRETE FLOOR WITH MINIMUM 25MM THICKNESS, LARGE GATES/SHUTTER
		WORKSHOP / LABS FOR NEW COURSES	300	6	1800	1.MECHATRONICS 2.SIGNALING AND TELECOM 3.ELECTRONIC TECHNICIAN 4.ELECTRICAL TRACTION 5.GENERAL FITTER 6.CAD DESIGN LAB
		DG & AIR COMPRESSOR ROOM	20	1		SPACE FOR ACCOMADATING 2 DIESEL GENERATOES AND LORGE AIR COMPRESSOR. (GOOD VENTILATION NEEDED)
					20	

DESIGN BRIEF & LIST OF FACILITY

NO	SPACE	PARTICULAR	AREA (sqm)	NO	TOTAL AREA	REMARKS
3	AUDITORIUM / MULTIPURPOSE HALL	HALL	600	1	600	5 M CELING HEIGHT/ SHOULD ACCOMADATE A SMALL STAGE / PODIUM
		TOILET	10	2	20	SEPARATE FOR MALE & FEMAIL
4	CANTEEN	SMALL CANTEEN	20	1	20	
5	CHANGING ROOM	CHANGING ROOMS	40	2	80	FOR STUDENT WITH IN BUILT SHOWERS AND LOCKERS FACILITY
6	CAR PARKING	SHED FOR 10 CARS	12	10	120	PIPE STRUCTURE WITH SHED
7	SITE DEVOLOPMENT	INTERNAL ROADS DRAINAGE LIGHTING				INTERNAL ROADS DRAINAGE STREET LIGHT
8	WATER SUPPLY	STORAGE TANK & DISTRIBUTION SYSTEM				WATER TANK FOR AT LEAST 300 PEOPLE
9	SEWER NETWORK					POPULATION OF 300 PEOPLES
10	HOSTEL FLOORS (TO BE LOCATED IN A SEPARATE SITE)	DOUBLE BED ROOM WITH ATTACHED TOILETS	20	5	100	TO HAVE ATTACHED TOILETS AND INBUILT CLOSET
		DORMITORY	60	2	120	FOR CAPACITY OF 10 BEDS IN EACH DORMITOR4Y
		COMMON TOILET BLOCK	10	2	20	4WC AND 4 BATH

EXISTING BUILDING





PRECEDENT



PRECEDENT



SUSTAINABLE DESIGN APPROACH & PASSIVE DESIGN STRATEGIES IN ARCHITECTURAL DESIGN

- PROVISION FOR SOLAR SYSTEM
- RAIN WATER HARVESTING
- MAXIMUM USE OF NATHURAL VENTILATION
- MINIMUM AIR CONDITION AREAS
- MINIMIZING BUILDING FOOT PRINT AND MAXIMISING GREEN SPACES
- MAXIMIZING DAY LIGHT



PROPOSED NEW BUILDING FOR SRI LANKA GERMAN
RAILWAY TECHNICAL TRAINING CENTRE
@ RATHMALANA

ARCHITECTURAL LAY OUT



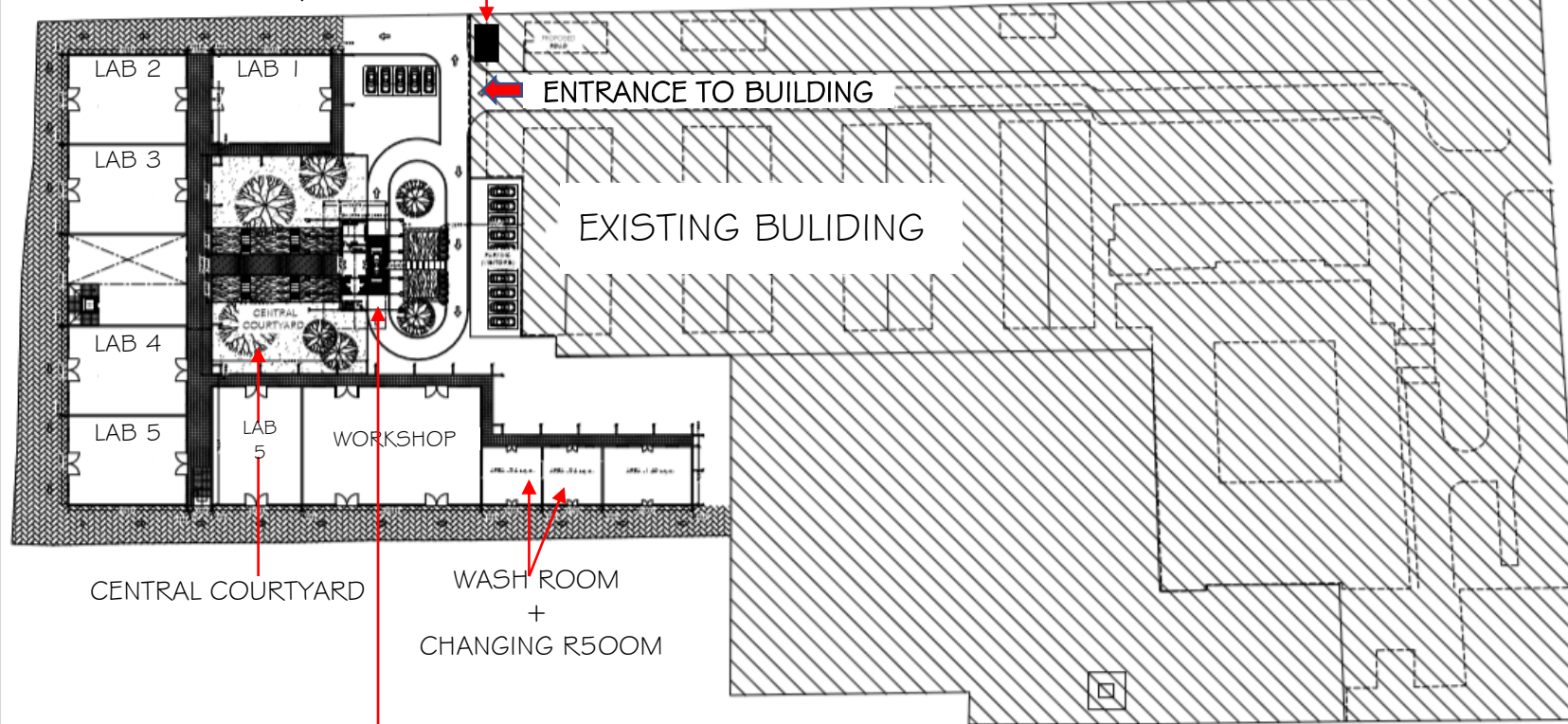
PROPOSED BUILDING



GUARD ROOM

ENTRANCE TO BUILDING

EXISTING BUILDING



CENTRAL COURTYARD

WASH ROOM
+
CHANGING ROOM

ENTRANCE PAVILION

SITE LAYOUT

Architect
CHINTAKA K. NIKAPITIYA
LaKviDu
DESIGN CONSULTANTS
Chintaka Architects, Engineers, Interior Designers & Project Managers
No. 51A/55, JAYAWADANAGAMA, BATTARAMULLA,
SRI LANKA.
Tel: 0112-774828, 071-8808782, 0773-738953
Email: lakvidu@gmail.com

DRAWING STATUS

SCHEMATIC DRAWING

DRAWING TITLE

ARCHITECTURAL DRAWING

SCALE

1:800

DRAWN BY

Kasun

DATE ISSUED

18-07-2018

CHECKED BY

Chintaka

APPROVED BY

Chintaka

PROJECT TITLE

PROPOSED NEW BUILDING FOR
SRI LANKA GERMAN RAILWAY
TECHNICAL TRAINING CENTER
(SLGRITC)
AT RATHMALANA.

DRAWING NO.

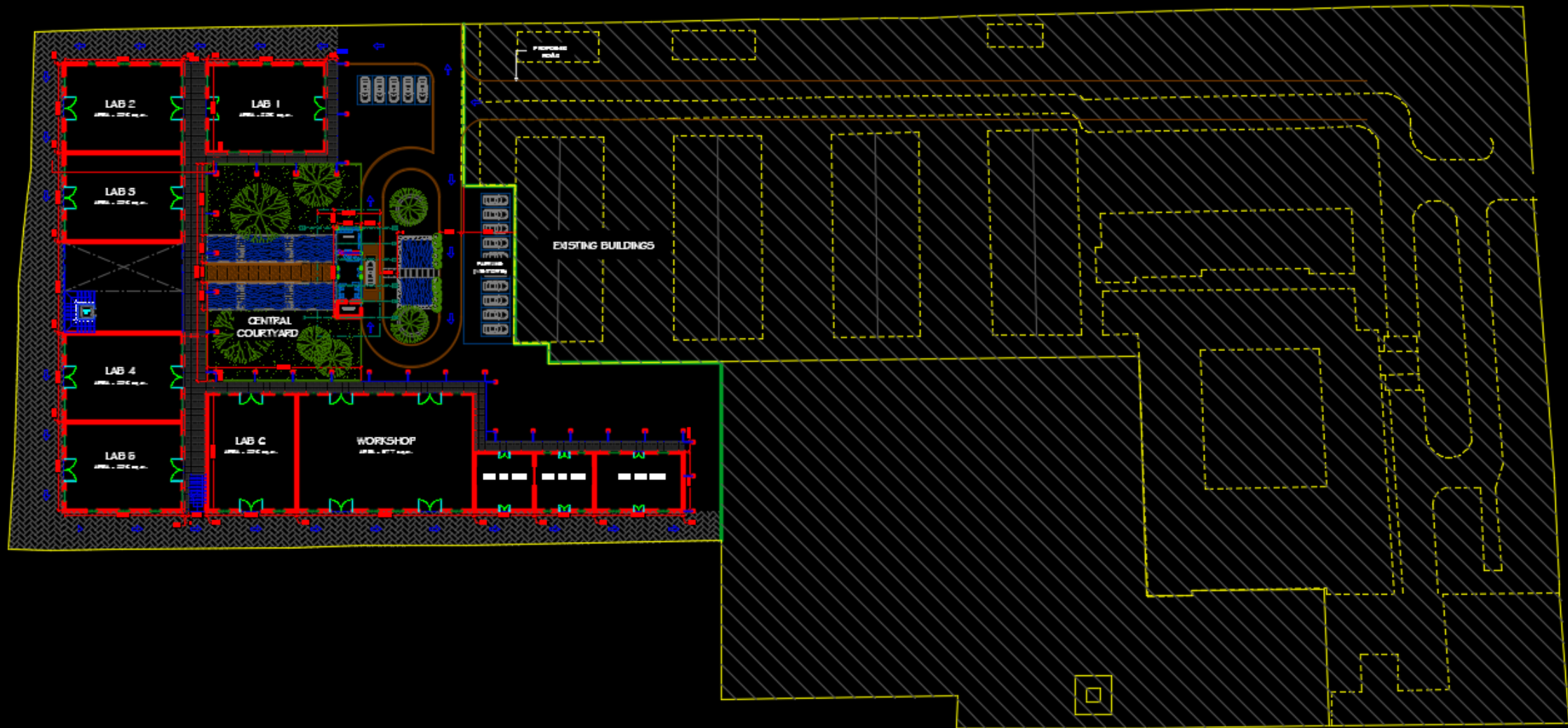
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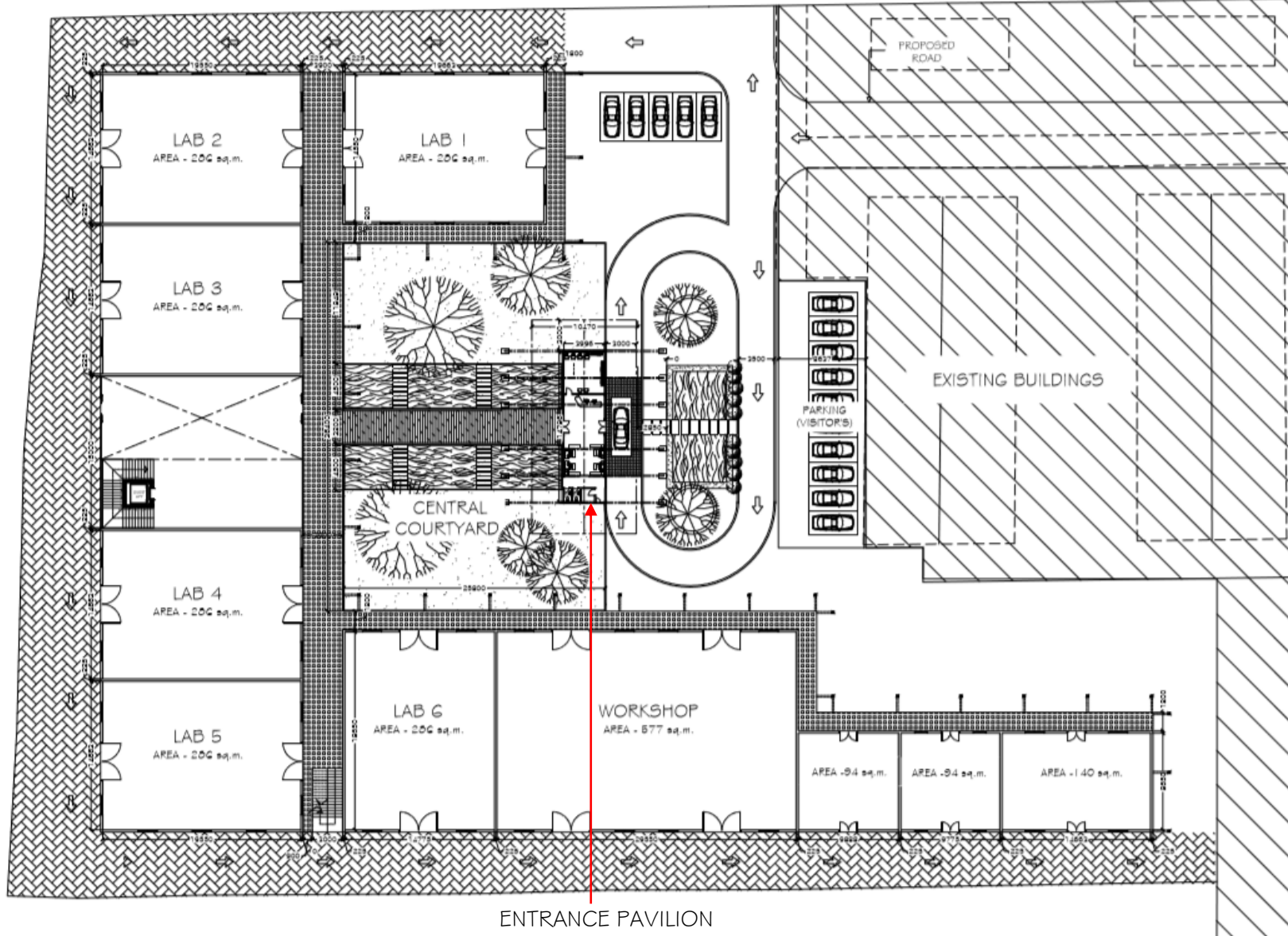
QUALIFIED PERSON - 1

QUALIFIED PERSON - 2

NOTE



SITE LAYOUT



GROUND FLOOR PLAN

DESIGNED BY
CHINTAKA K. NIKAPITIYA
LaKviDu
DESIGN CONSULTANTS
Chartered Architects, Engineers, Interior Designers & Project Managers
No. 51A/55, JAYAWADANAGAMA, BATTARAMULLA,
SRI LANKA.
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DRAWING STATUS
SCHEMATIC DRAWING

DRAWING TITLE
ARCHITECTURAL DRAWING

SCALE
1:400

DRAWN BY
Kasun

DATE ISSUED
16-07-2018

CHECKED BY
Chintaka

APPROVED BY
Chintaka

PROJECT TITLE
**PROPOSED NEW BUILDING FOR
SRI LANKA GERMAN RAILWAY
TECHNICAL TRAINING CENTER
(SLGR TTC)
AT RATHMALANA.**

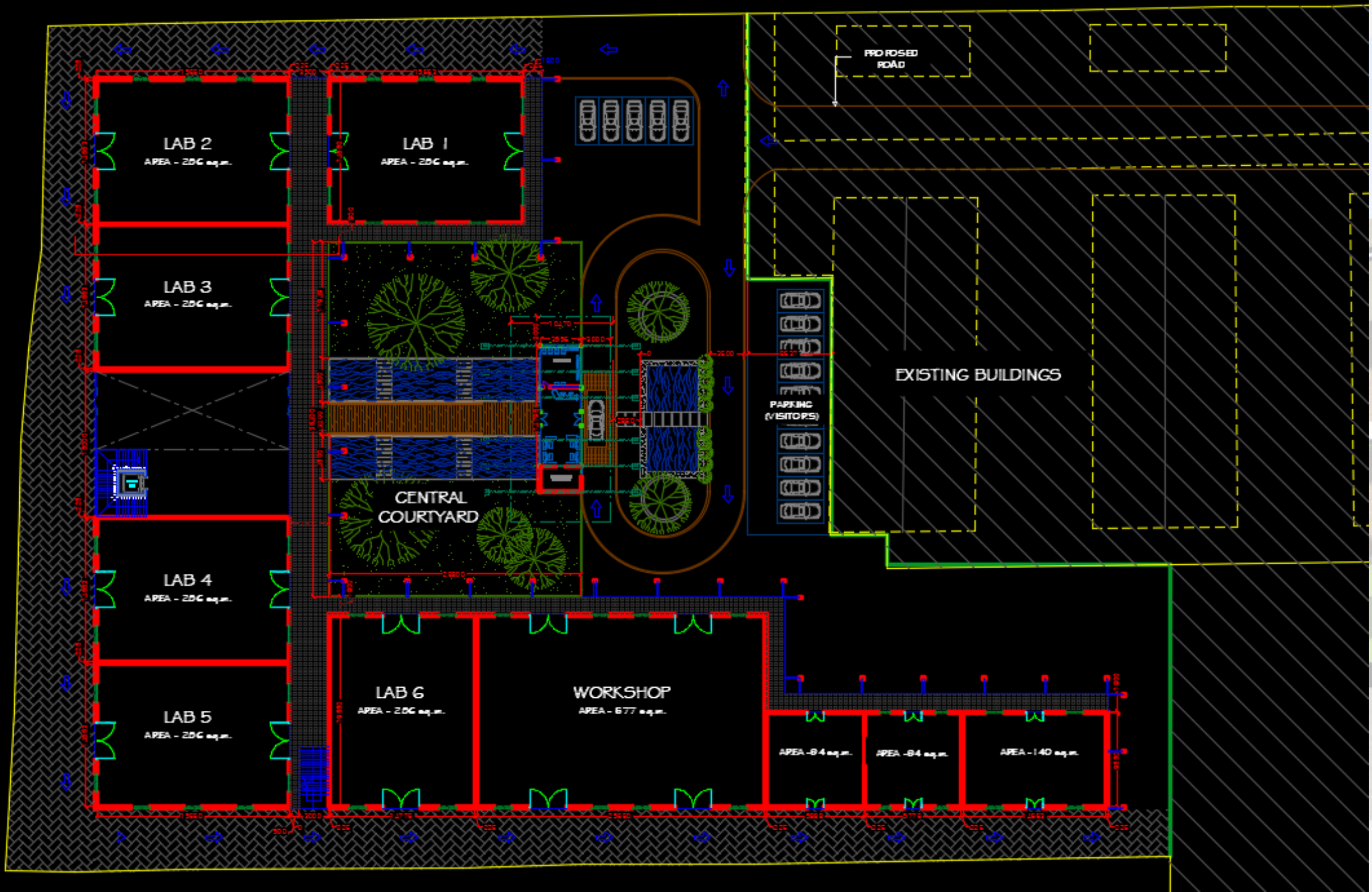
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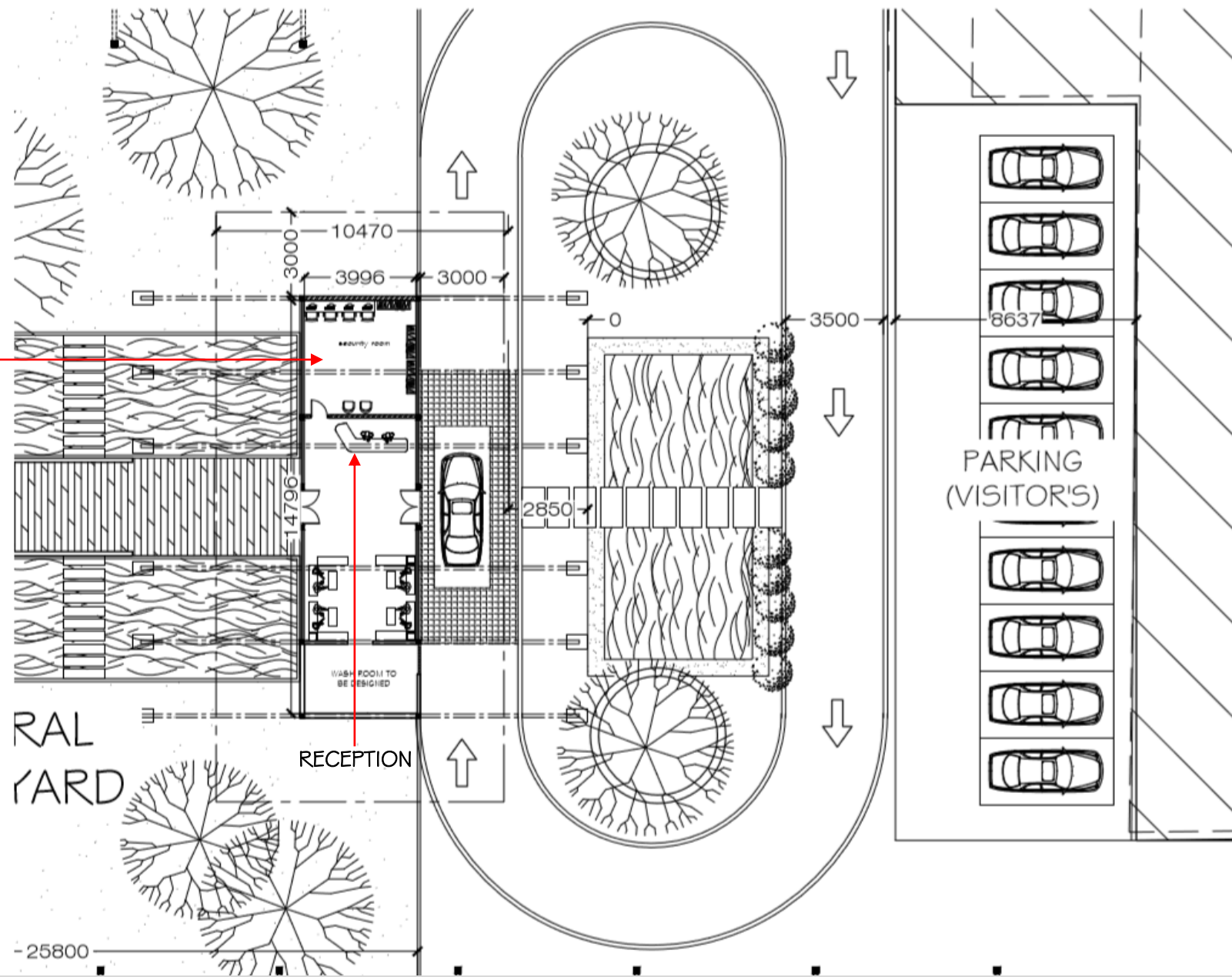
QUALIFIED PERSON - 1

QUALIFIED PERSON - 2

NOTE



ADMIN ROOM



ARCHIT
CHINTAKA K. NIKAPITIYA
LaKviDu
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DRAWING STATUS
SCHEMATIC DRAWING

DRAWING TITLE
ARCHITECTURAL DRAWING

SCALE: 1:200

DRAWN BY: Kasari

DATE ISSUED: 16-07-2018

CHECKED BY: Chintaka

APPROVED BY: Chintaka

PROJECT TITLE
**PROPOSED NEW BUILDING FOR
SRI LANKA GERMAN RAILWAY
TECHNICAL TRAINING CENTER
(SLGRTTC)
AT RATHMALANA.**

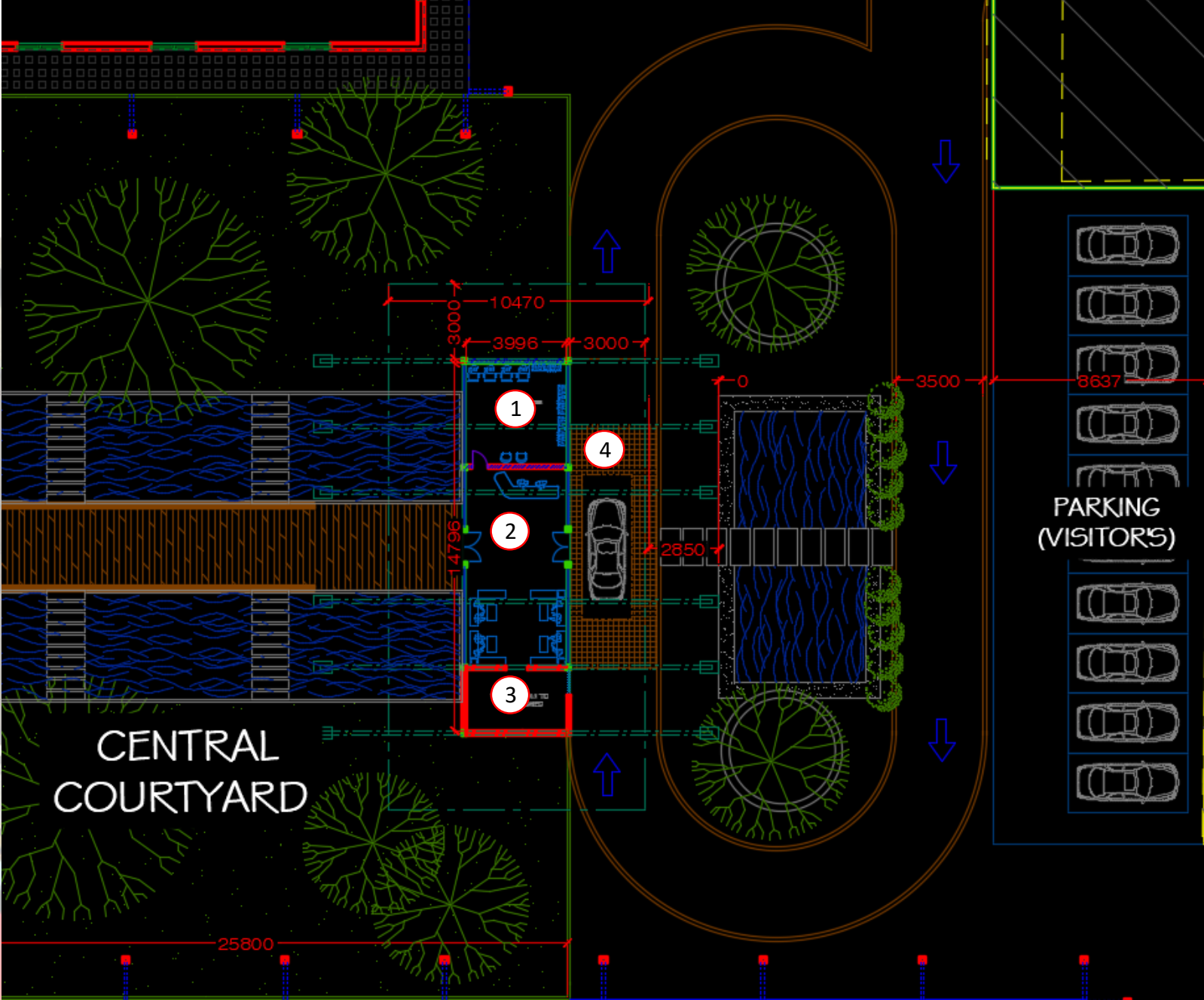
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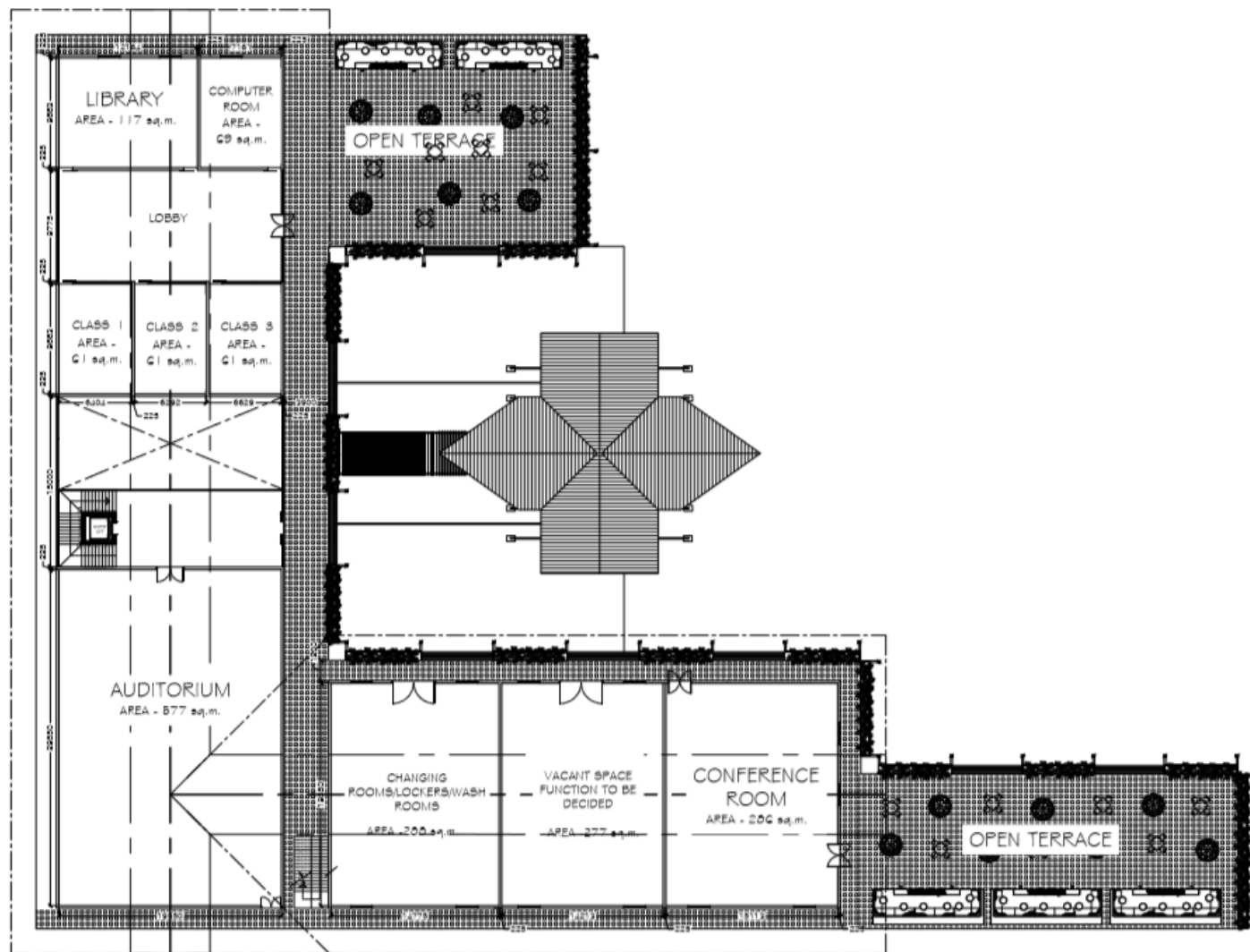
QUALIFIED PERSON - 1

QUALIFIED PERSON - 2

NOTE



- 1. SECURITY ROOM
- 2. ENTRANCE LOBBY
- 3. WASH ROOM AREA
- 4. CAR PORCH



UPPER FLOOR PLAN

Architect
CHINTAKA K. NIKAPITIYA
LaKviDu
DESIGN CONSULTANTS
Chartered Architects, Engineers, Interior Designers & Project Managers
No. 51A/55, JAYAWADANAGAMA, BATTARAMULLA,
SRI LANKA.
Tel: 0112-774828, 071-6806782, 0773-738953
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DRAWING STATUS
SCHEMATIC DRAWING

DRAWING TITLE
ARCHITECTURAL DRAWING

SCALE
1:400

DRAWN BY
Kasun

DATE ISSUED
16-07-2018

CHECKED BY
Chintaka

APPROVED BY
Chintaka

PROJECT TITLE
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(SLGRTTC)
AT RATHMALANA.**

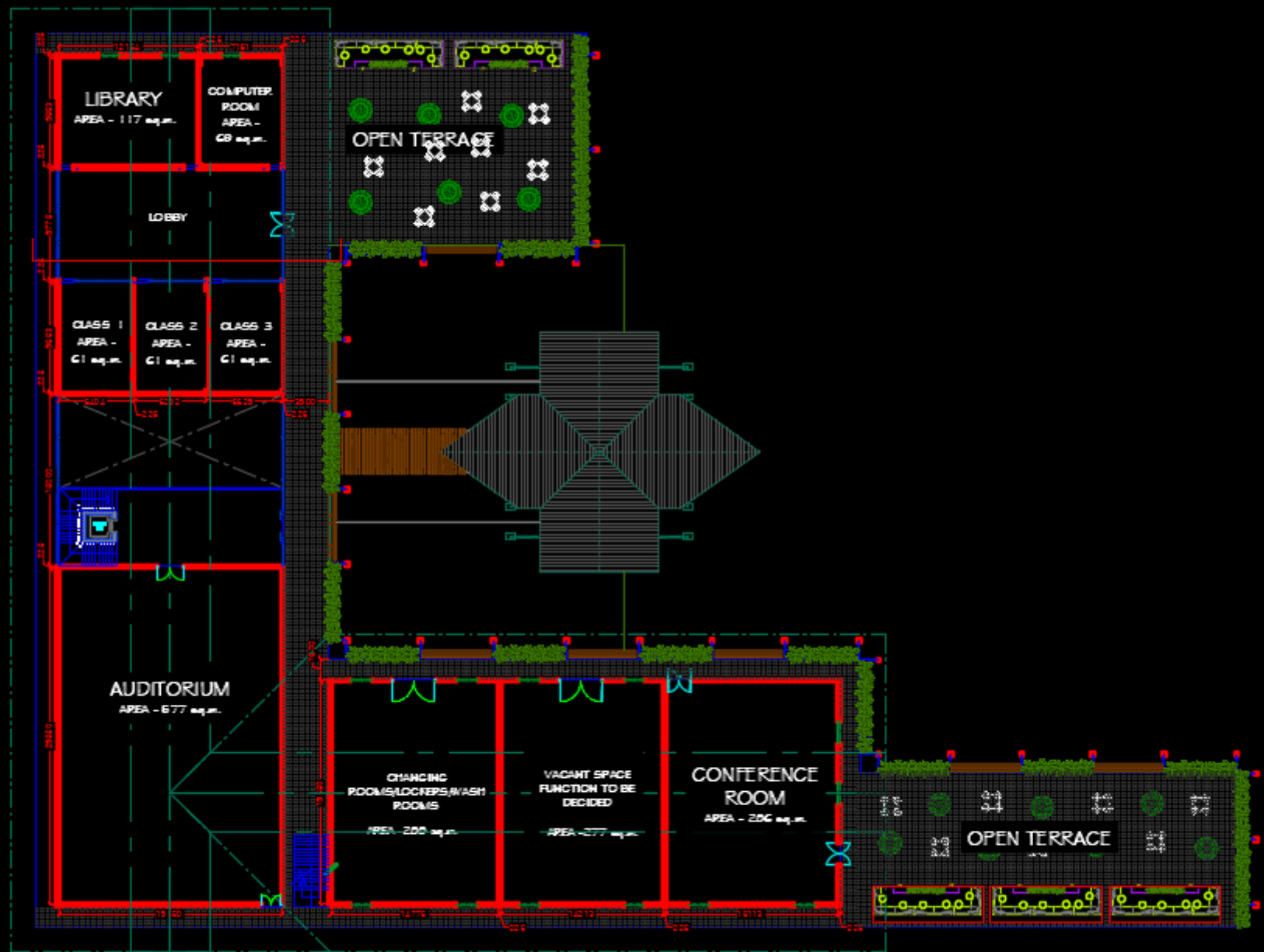
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CLIENT'S SIGNATURE

QUALIFIED PERSON - 1

QUALIFIED PERSON - 2

NOTE.



UPPER FLOOR



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SCHEMATIC DRAWING

DRAWING TITLE
ARCHITECTURAL DRAWING

SCALE 1:200

DRAWN BY: Kanan

DATE ISSUED: 16-07-2018

CHECKED BY: Chintaka

APPROVED BY: Chintaka

PROJECT TITLE
**PROPOSED NEW BUILDING FOR
 SRI LANKA GERMAN RAILWAY
 TECHNICAL TRAINING CENTER
 (SLGRTTC)
 AT RATHMALANA.**

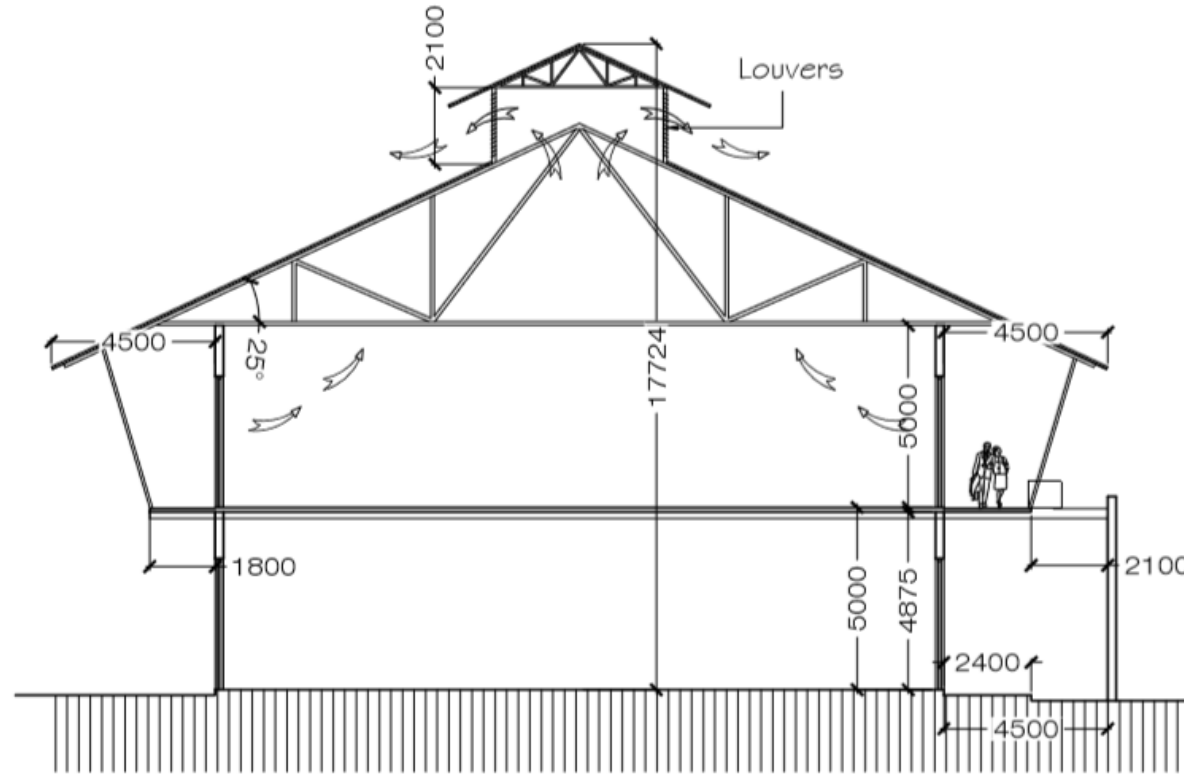
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CLIENT'S SIGNATURE

QUALIFIED PERSON - 1

QUALIFIED PERSON - 2

NOTE



SECTION A - A



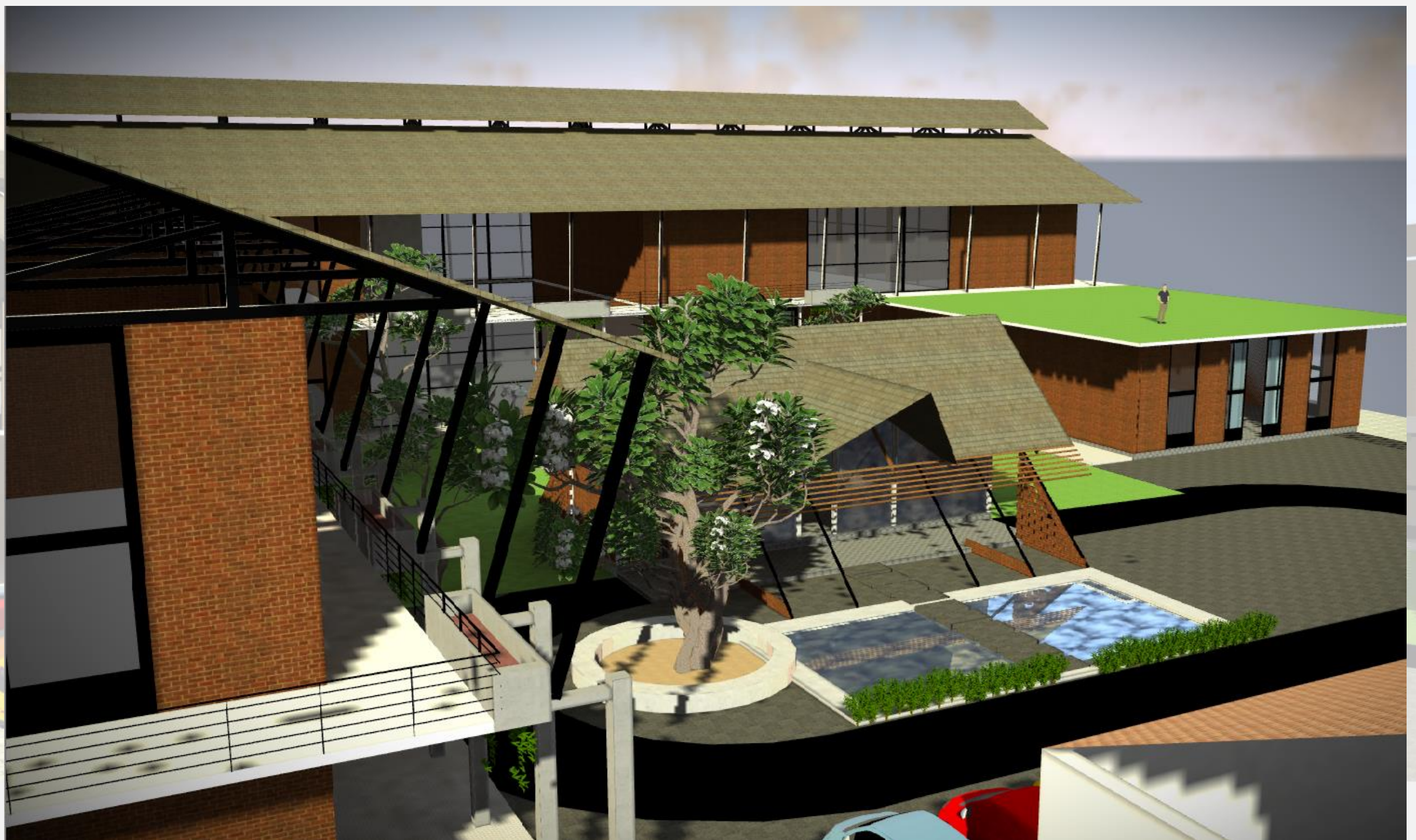




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Go to Settings to activate Wi

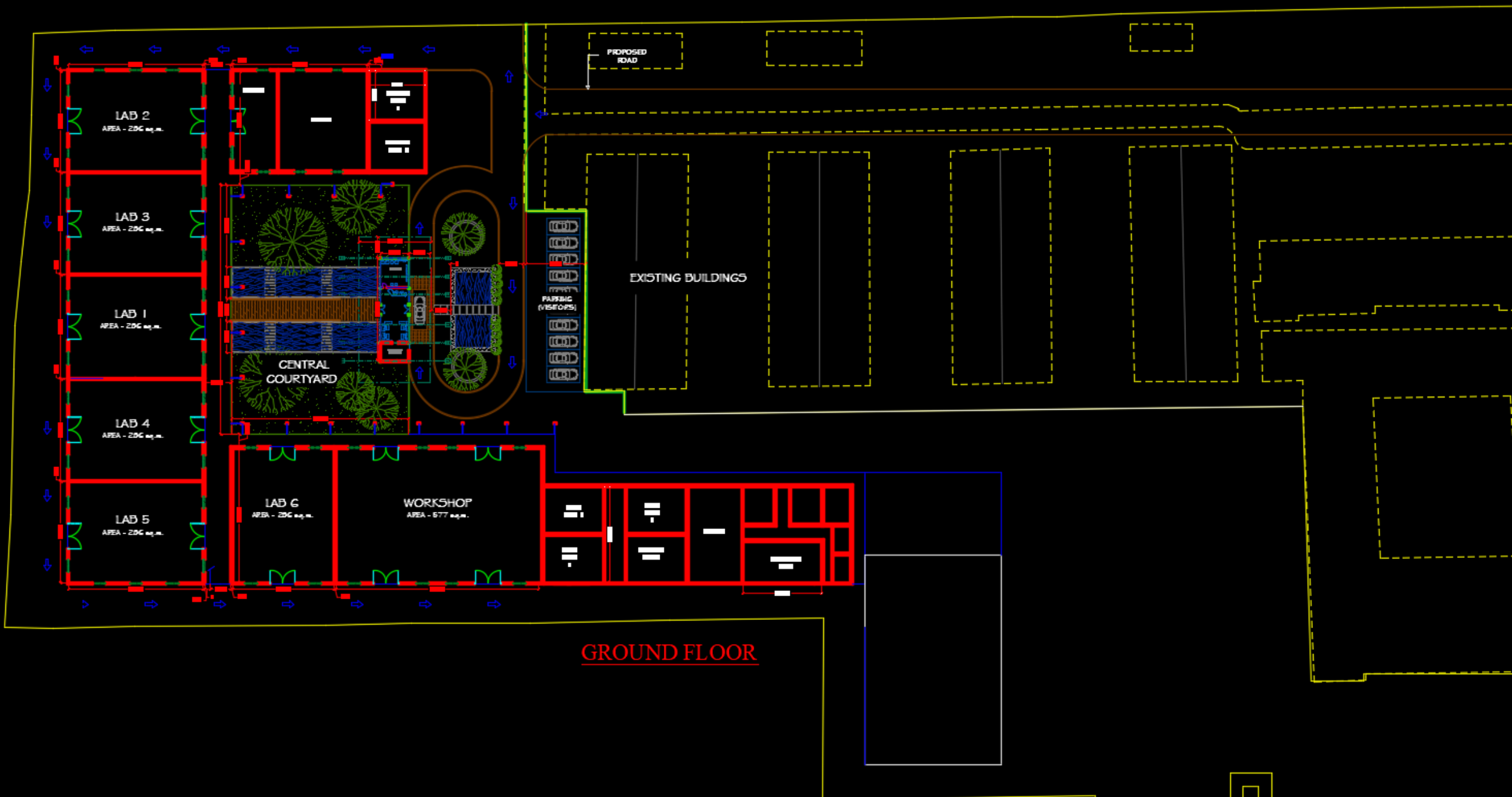


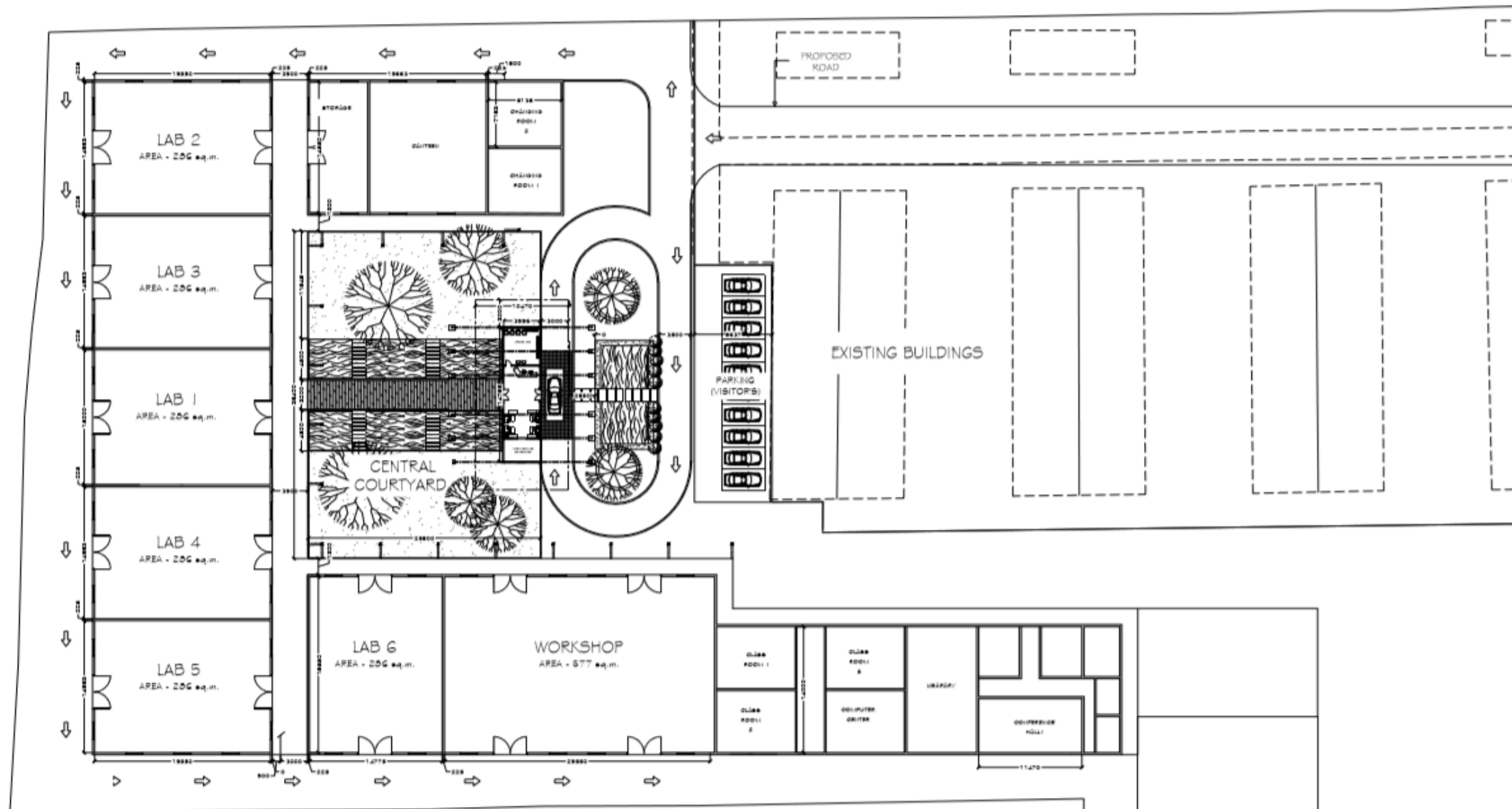












GROUND FLOOR



THANK YOU