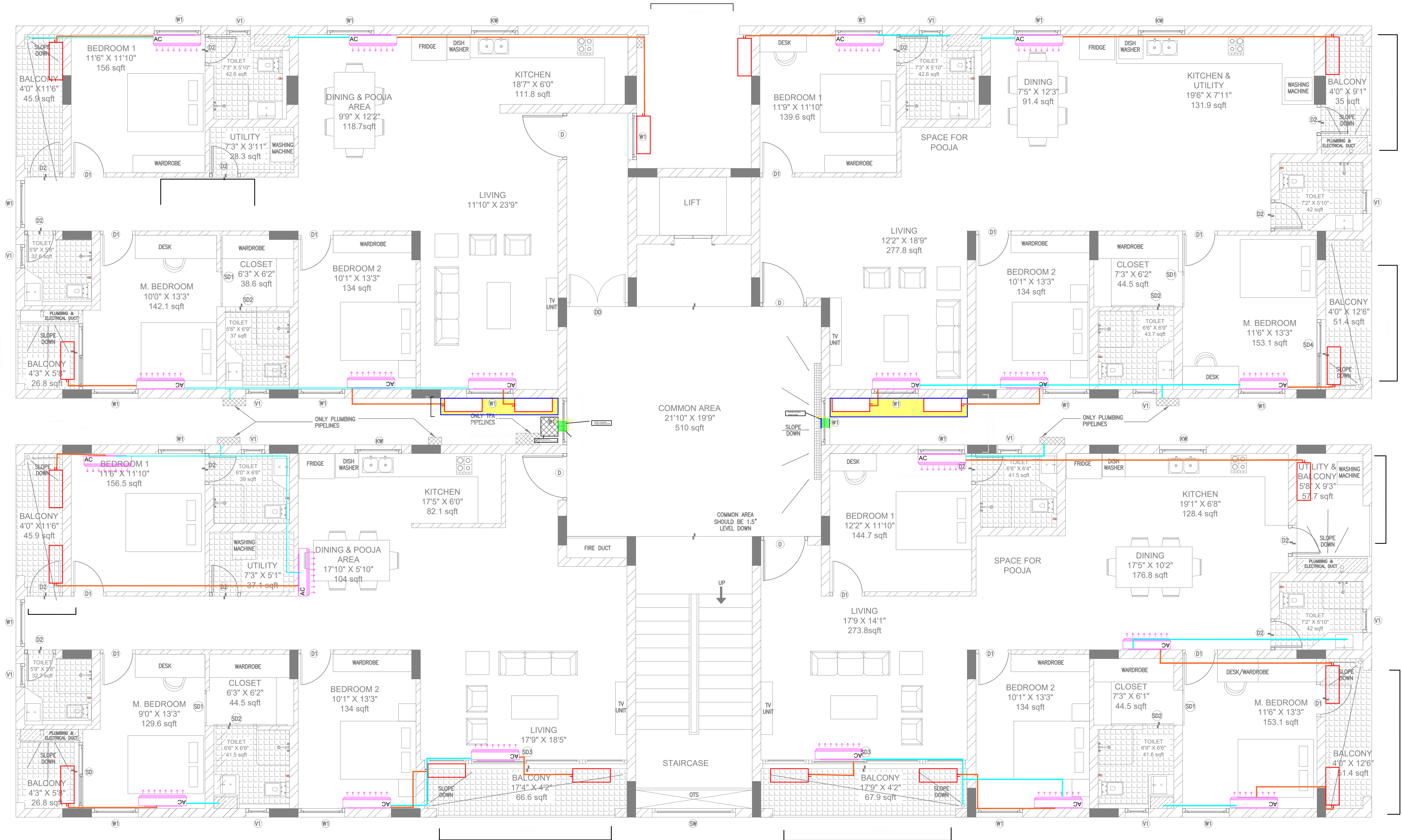




GOOD FOR CONSTRUCTION

Issued by: _____
Issued Date: 03 OCT 2024

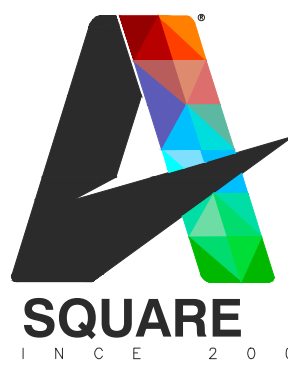
REVISION CHART

	REVISION DATE	REV. NO.
1	15-07-2024	R0
2	24-08-2024	R1
3	09-09-2024	R2
4		

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ENGINEERING CONSULTANTS:



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ARCHITECT NAME

INNOBUILD LANDHOLDINGS PVT. LTD
#460, 17th cross, 4th sector, CS Towers, HSR
layout, Bangalore 560102

PROJECT NAME:

ALAKANANDA APARTMENTS AT KAVALI

DRAWING TITLE:

HVAC LAYOUT

DRWN

ASHIK

SCALE

NTS

CHD

VIJAY

SHEET
SIZE

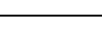
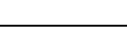
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APPD

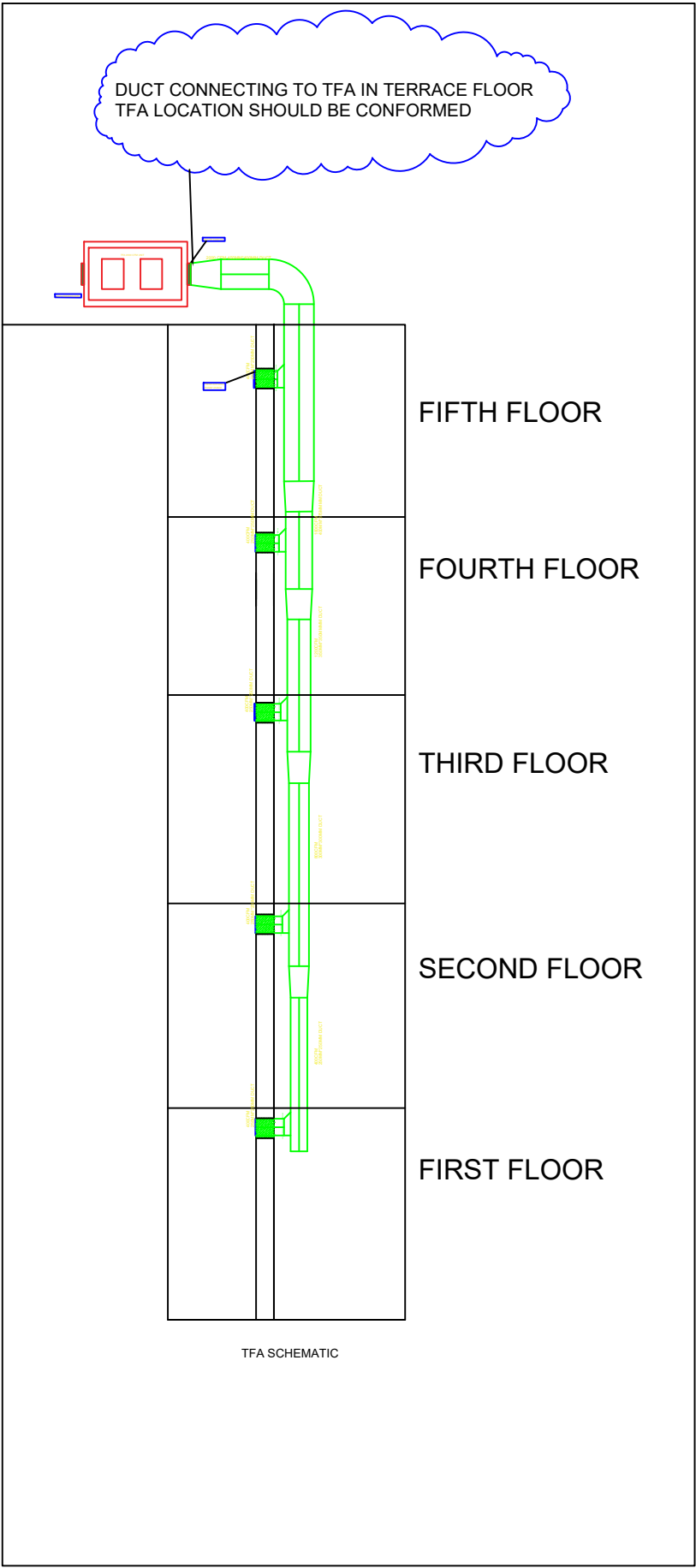
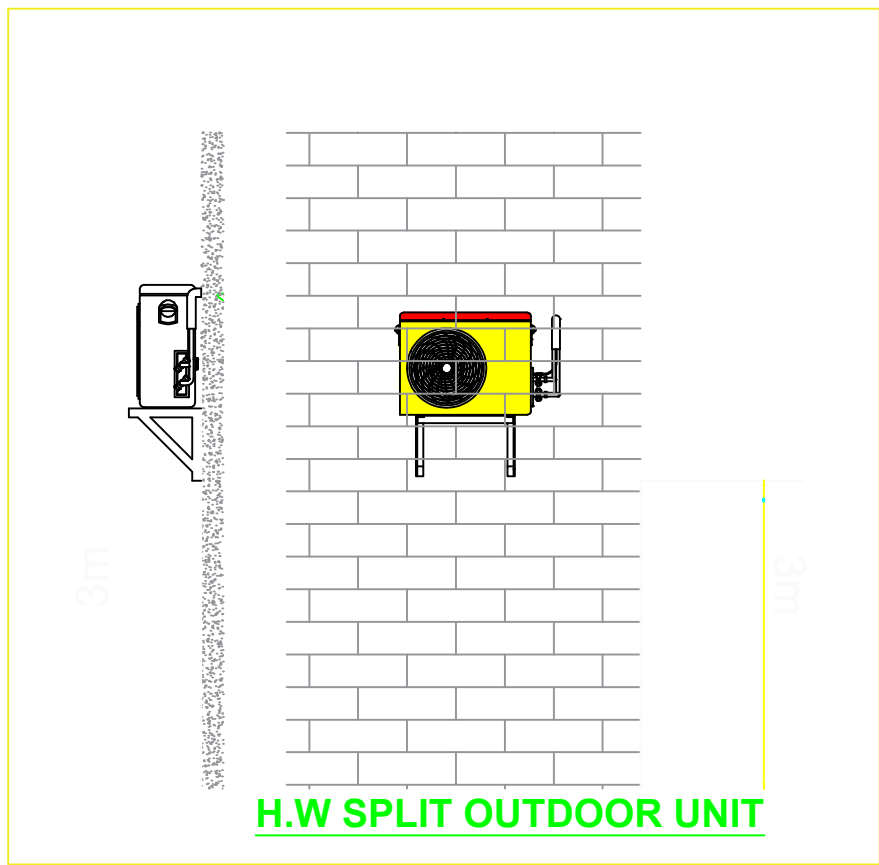
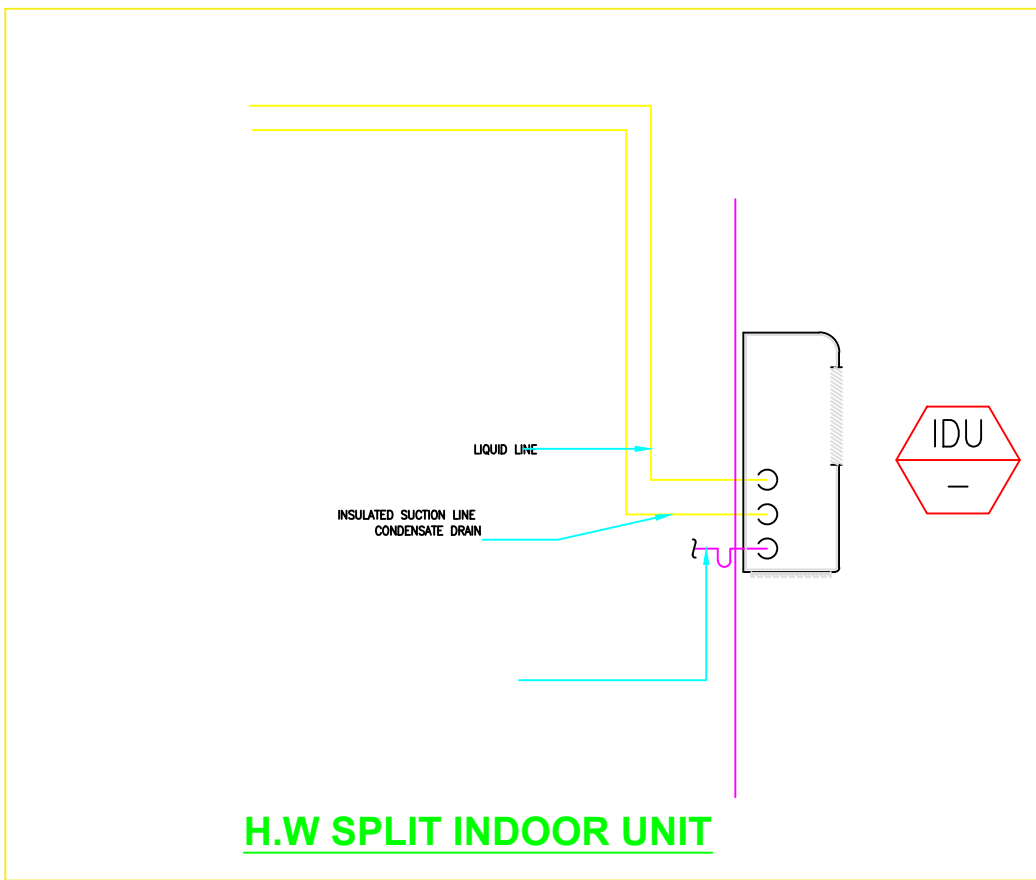
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REV.

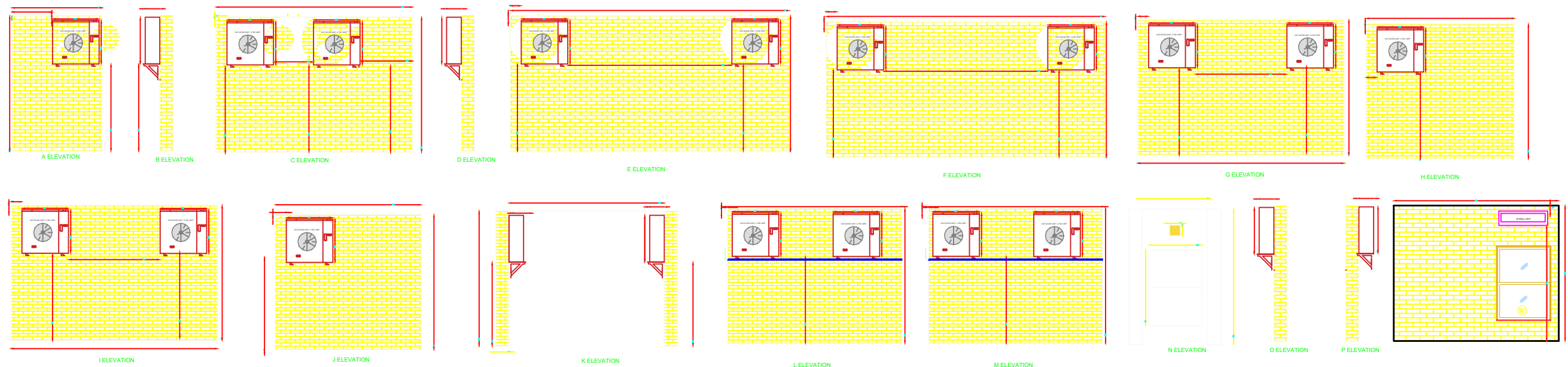
R2

LEGENDS	
SYMBOLS	DISCRIPTION
	HI WALL UNIT
	OUTDOOR UNIT
	REFRIGENT PIPE
	DRAIN PIPE
	TFA FRESH AIR DUCT
	CORE CUTTING
	AIR GRILL
	AIR GRILL

REFRIGENT AND DRAIN PIPE SIZE	
GAS PIPE	15.88 MM
LIQUID PIPE	9.52 MM
DRAIN PIPE	20 MM



ELEVATION



- NOTES:**
- Drainage lines shown only for indicative purpose, it should match with Plumbing design for execution.
 - Drainage pipe should be CPVC insulated with Thermal Insulation to avoid dampness in the walls.
 - Installation of Outdoor & Indoor units should match with Architectural layout.
 - Refrigerant piping should lay with Thermal Insulation (Nitrile Rubber Type).
 - Electrical Load should considered as - 1400W/TR.
 - Electrical Supply should be given at Outdoor locations with Weatherproof enclosoer & suitable capacity of Isolator/MCB.
 - Outdoor Equipments should be connected with proper Earthing wires, 1 Point for 1Phase & 2 points for 3Phase.
 - Suitable size of cutout/ core cutting/ sleeves should be done at the time of Beam/ Column casting.
 - Wall Mounted Outdoor equipments should mount on Wall bracket with rubber padding.
 - Floor Mounted Outdoor Equipment should mount on RCC Pedestal with Rubber Padding.
 - Top Floor should have Thermal Insulation to avoid Heat from the terrace.
 - Refrigerant piping should lay as per chart given
 - Electrical Wiring should lay as per char given.
 - Any other integration should consider as per Client's/ Consultant's/ Owners/ Project Manager's Instruction
 - Drawing should read with BOQ, Technical Specifications & Makes of Materials submitted along with Tender documents.
 - Refrigerant pipe selections are based on a maximum of 65°F return gas entering the compressor and refrigerant condensing and liquid line temperature of 105°F.
 - Refrigerant gas should be only R-410A Type

GOOD FOR CONSTRUCTION

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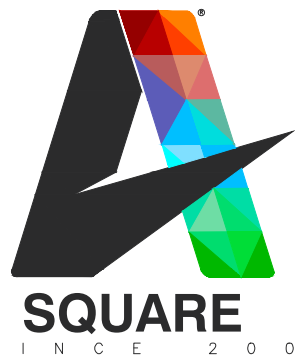
REVISION CHART

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layout, Bangalore 560102

PROJECT NAME:

ALAKANANDA APARTMENTS AT KAVALI

DRAWING TITLE:

HVAC LAYOUT
SECTION DRAWING

DRWN	CHD	APPD
ASHIK	VIJAY	ALTAF
SCALE	SHEET SIZE	REV.
NTS	A1	R2



1st Floor, APR & MRS ARCADE,
Vijayapura Road, Devanahalli,
BENGALURU INDIA , 562110

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GENERAL NOTES

- All dimensions are in millimeters (mm); follow written dimensions, do not scale.
- Drawings must be coordinated across all disciplines; report discrepancies before execution.
- Designs comply with NBC, ASHRAE, NEC, IPS, and other applicable architectural & MEP standards.
- Use only the latest issued drawings; verify all dimensions and site conditions before execution.

VERSION CHART

VERSION NO.	VERSION DATE

ARCHITECTURE & INTERIOR DESIGN CONSULTANTS:



#12, 3RD FLOOR, 60FT ROAD,
6TH BLOCK, KORMANGALA,
BENGALURU 560034, INDIA

PROJECT:

**ASTROME
BRIGADE DECCAN HEIGHTS**

CLIENT:

ASTROME TECHNOLOGIES

ISSUED FOR:

GOOD FOR CONSTRUCTION

ISSUED DATE:

28-MAR-2025

DRAWN BY:

MS

CHECKED BY:

SK

APPROVED BY

AA

SHEET TITLE:

**TENTH FLOOR
HVAC LAYOUT**

SHEET SIZE:

A3

DRAWING NO:

ASC-HVAC-ATM-017

LEGENDS	
L/S	LITER PER SECOND
SAG	SUPPLY AIR GRILL
RAG	RETURN AIR GRILL
MVCD	MOTORISED VOLUME CONTROL DAMPER.
F.D	FIRE DAMPER.
W.O	WALL OPENING
AHU	AIR HANDLING UNIT.
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	SUPPLY AIR GRILL
	RETURN AIR GRILL
	MOTORISED VOLUME CONTROL DAMPER.
	CEILING SUSPENDED UNIT
	DRAIN PIPE
	HOTWATER LINE(OUTCOMING)
	CHILWATER LINE(INGOING)
	SUPPLY AIR DUCT
	SUPPLY AIR DUCT INSULATION
	WALL OPENING

