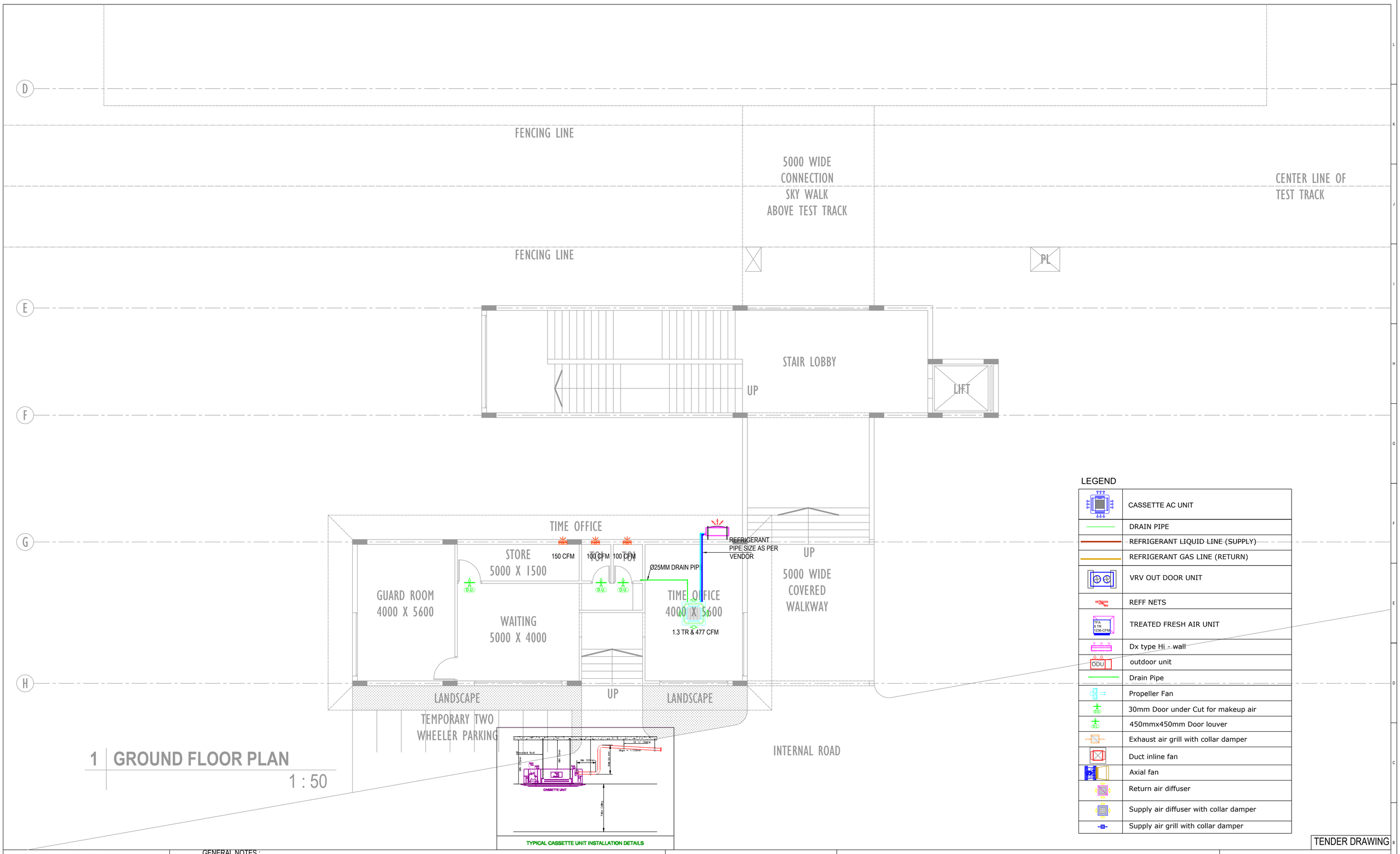

1 GROUND FLOOR PLAN

1 : 50

TYPICAL CASSETTE UNIT INSTALLATION DETAILS

LEGEND

	CASSETTE AC UNIT
	DRAIN PIPE
	REFRIGERANT LIQUID LINE (SUPPLY)
	REFRIGERANT GAS LINE (RETURN)
	VRV OUT DOOR UNIT
	REFF NETS
TFA 8 TR 1236 CFM	TREATED FRESH AIR UNIT
	Dx type Hi - wall
ODU	outdoor unit
	Drain Pipe
	Propeller Fan
	30mm Door under Cut for makeup air
	450mmx450mm Door louver
	Exhaust air grill with collar damper
	Duct inline fan
	Axial fan
	Return air diffuser
	Supply air diffuser with collar damper
	Supply air grill with collar damper

TENDER DRAWING

1. THIS DRAWING IS FOR INFORMATION AND REFERENCE AS A GENERAL GUIDANCE ONLY.
2. ALL DEPOT FACILITIES, PLANTS & MACHINERIES, ACCOMMODATION FACILITIES, SYSTEM WIDE REQUIREMENTS ETC.SHALL BE VERIFIED FOR MAINTENANCE REQUIREMENT OF ROLLING STOCK AND INFRASTRUCTURE FACILITIES.
3. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE AND TO BE READ ONLY NOT MEASURED
4. ABSOLUTE RAIL LEVEL SHALL BE DERIVED FROM APPROVED ALIGNMENT DRAWINGS.
5. STRUCTURE SYSTEM SHOWN IS INDICATIVE. ALL STRUCTURE MEMBER SIZES TO BE DETAILED BY DESIGNER AT LATER STAGE.
6. THIS DRAWINGS HAVE BEEN DEVELOPED IN CONFORMITY TO DPR, SOD, BSRP& OTHER CODAL REQUIREMENTS.
7. SYSTEM ROOM SIZES, HEIGHTS, DOOR SIZE, FLOOR HEIGHT AND CUTOUT DIMENSIONS TO BE VERIFIED BY RELEVANT DISCIPLINES OF ENGINEERING.
8. SHAFTS FOR ELECTRICAL, S&T, PLUMBING, DRAINAGE, SEWAGE DISPOSAL, RAIN WATER HARVESTING, FIRE AND OTHER SYSTEMS SHALL BE PROVIDED AS PER SYSTEM AND MEP REQUIREMENTS.
9. ALL FINISHES ARE SUBJECT TO K-RIDE APPROVAL.
10. SPACE CONSIDERED FOR ELECTRICAL & S&T CABLE TRENCH, DURING THE DETAILED DESIGN STAGE ELECTRICAL & S&T CABLE TRENCH WILL BE PROVIDED BASED ON DESIGN.
11. 1 IN 8.5 TURNOUTS PROVIDED IN THE DEPOT.
12. FM DISTANCE PROVIDED AT 4.25M METERS.

GENERAL NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
2. ALL LEVEL ARE FROM FFL UNLESS OTHERWISE SPECIFIED.
3. FOR COPPER PIPE, AND INSULATION DETAILS AS PER VENDOR RECOMMENDATIONS.
4. PIPE SIZES AND REFNET DETAILS INDICATED ARE ASA PER VRF VENDOR INPUTS.
5. ALL DRAIN PIPES SHALL BE UPVC PIPES WITH 6mm NITRILE RUBBER CLASS O INSULATION COVERED WITH INTERWOVEN GLASS CLOTH PROTECTION
6. ALL REFRIGERANT PIPES SHALL BE COPPER TUBES OF WALL THICKNESS 20G/22G WITH NITRILE RUBBER CLASS O INSULATION
7. ALL REFRIGERANT PIPES IN FLOOR LEVELS SHALL PROPERLY SUPPORTED AT REGULAR INTERVALS
8. ALL REFRIGERANT PIPES AT TERRACE SHALL BE RUN IN PERFORATED CABLE TRAY WITH COVER TO HOLD PERSON WEIGHT
9. ALL DRAIN PIPES SHALL BE CONNECTED TO FLOOR TRAP OF WASTE PIPING (PHE)
10. MIN. 1:100 SLOPE TO BE MAINTAINED FOR DRAIN PIPE

BARSYL
an innovative
BALAJI RAILROAD SYSTEMS (P) LIMITED.

DESCRIPTION	DESIGNED	CHECKED	REVIEWED	APPROVED
TENDER DRAWING	CHAMODARA REDDY (AGP)	VENKATESH (BJK)	LINGA PRASAD. K (KLP)	GOPALA REDDY (VGR)
	AGP 30/07/2024	BJK 30/07/2024	KLP 30/07/2024	VGR 30/07/2024

GENERAL CONSULTANT — K RIDE

PROJECT DIRECTOR		GM / PLANNING	
SR.ALIGNMENT EXPERT		GM / CIVIL / DEPOT	
CHIEF TRACK EXPERT		GM / ROLLING STOCK	
CHIEF SIGNALLING EXPERT		GM / TRACTION	
CHIEF TRACTION EXPERT		GM / SIGNALLING	
CHIEF TELECOM EXPERT			
SR.ROLLING STOCK ENGINEER			

DIRECTOR PROJECT PLANNING | DIRECTOR SYSTEM

K RIDE — RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

PROJECT I. D: 2388

TITLE: **TIME OFFICE AND ADMIN BUILDING GROUND FLOOR PLAN HVAC LAYOUT**

CONSULTANT : BARSYL an innovative — BALAJI RAILROAD SYSTEMS (P) LIMITED.

SHEET NO. 1 OF 1 | DRG NO.KRIDE_BSRP_RS_ADMIN_SDVL_HVAC_01