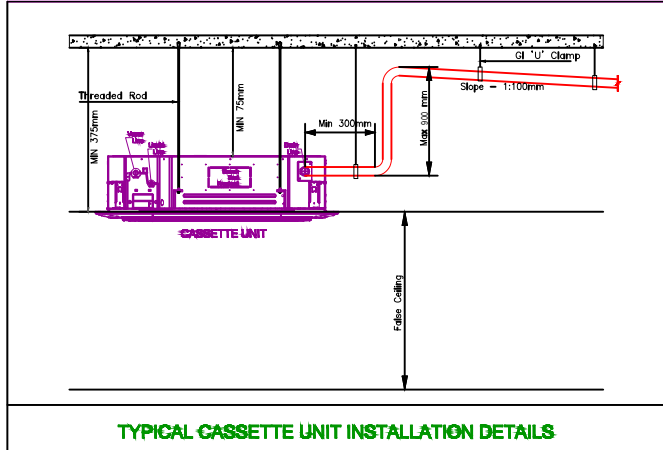


2 FIRST FLOOR PLAN

1 : 50

LEGEND	
	CASSETTE AC UNIT
	DRAIN PIPE
	REFRIGERANT LIQUID LINE (SUPPLY)
	REFRIGERANT GAS LINE (RETURN)
	VRV OUT DOOR UNIT
	REFF NETS
	TREATED FRESH AIR UNIT
	Dx type Hi - wall
	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



1. THIS DRAWING IS FOR INFORMATION AND REFERENCE AS A GENERAL GUIDANCE ONLY.
2. ALL DEPT FACILITIES, PLANTS & MACHINERIES, ACCOMMODATION FACILITIES, SYSTEM WIDE REQUIREMENTS ETC SHALL BE VERIFIED FOR MAINTENANCE REQUIREMENT OF ROLLING STOCK AND INFRASTRUCTURE FACILITIES.
3. FOR COVER PIPE, AND INSULATION DETAILS AS PER VENDOR RECOMMENDATIONS.
4. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE AND TO BE READ ONLY NOT MEASURED.
5. ABSOLUTE RAIL LEVEL SHALL BE DERIVED FROM APPROVED ALIGNMENT DRAWINGS.
6. STRUCTURE SYSTEM SHOWN IS INDICATIVE. ALL STRUCTURE MEMBER SIZES TO BE DETAILED BY DESIGNER AT LATER STAGE.
7. THIS DRAWINGS HAVE BEEN DEVELOPED IN CONFORMITY TO DPR, SDO, SBPP, OTHER COAL REQUIREMENTS.
8. SYSTEM ROOM SIZES, HEIGHTS, DOOR SIZE, FLOOR HEIGHT AND CUTOFF DIMENSIONS TO BE VERIFIED BY RELEVANT DISCIPLINES OF ENGINEERING.
9. 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.
10. ALL FINISHES ARE SUBJECT TO K-RIDE APPROVAL.
11. SPACE CONSIDERED FOR ELECTRICAL & SAT CABLE TRENCH DURING THE DETAILED DESIGN STAGE ELECTRICAL & SAT CABLE TRENCH WILL BE PROVIDED BASED ON DESIGN.
12. 1 IN 6 SLOPE PROVIDED IN THE DEPOT.
13. FM DISTANCE PROVIDED AT 420M METERS.

- GENERAL NOTES :**
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
  2. ALL LEVEL ARE FROM FFL UNLESS OTHERWISE SPECIFIED.
  3. FOR COVER PIPE, AND INSULATION DETAILS AS PER VENDOR RECOMMENDATIONS.
  4. PIPE SIZES AND REFINET 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 200/220 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**  
BALAJI RAILROAD SYSTEMS (P) LIMITED

TENDER DRAWING

DESIGNER	DR	DESIGNED	DR	CHECKED	DR	APPROVED	DR
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GENERAL CONSULTANT

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

**K RIDE**

DIRECTOR  
PROJECT PLANNING

DIRECTOR SYSTEM

RAIL INFRASTRUCTURE DEVELOPMENT  
COMPANY (KARNATAKA) LIMITED

PROJECT I.D: 2388

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

CONSULTANT :  
**BARSYL**  
BALAJI RAILROAD SYSTEMS (P) LIMITED.

SHEET NO.  
1 OF 1

DRG NO: WIDE\_BSRP\_RS\_ADMIN\_BUILDING\_HVAC\_02