

CEILING SQUARE DIFFUSER SCHEDULE				
SL.NO	OVERALL SIZE	NECK SIZE	ROOM TAG	QUANTITY SUPPLY/RETURN
1.00	600X600	375X375	DEMO ROOM 74 STUDENTS	7 NOS
2.00				8 NOS
3.00			DEMO ROOM 45 STUDENTS	4 NOS
4.00				5 NOS
5.00			READING ROOM	7 NOS
6.00				8 NOS
7.00			FACULTY'S ROOM	7 NOS
8.00				8 NOS
9.00			CLASS ROOM 56 STUDENTS	7 NOS
10.00				8 NOS
11.00			SKILL LAB	3 NOS
12.00				3 NOS
13.00			RESEARCH LAB	6 NOS
14.00				6 NOS
TOTAL SUPPLY DIFFUSER QUANTITY - 41 NOS - 14.76 SQ.MT				
TOTAL RETURN DIFFUSER QUANTITY - 46 NOS - 16.56 SQ.MT				

VOLUME CONTROL DAMPER SCHEDULE		
SL.NO	DMENSIONS	QUANTITY
1.00	950X400	04
2.00	750X400	01
3.00	600X400	01
4.00	550X400	01
5.00	300X200	04
6.00	250X250	03

SAND TRAP LOUVER SCHEDULE		
SL.NO	DMENSIONS	QUANTITY
1.00	450X250	02
2.00	250X250	02

SPLIT AC SCHEDULE				
COOLING CAPACITY	INDOOR UNIT		OUTDOOR UNIT	QUANTITY
	AIR FLOW	ELEC. LOAD	COMPRESSOR	
2.0TR	800 CFM	2.4 KW	ROTARY	6 NOS

DUCTABLE SPLIT AC SCHEDULE					
SL.NO	COOLING CAPACITY	INDOOR UNIT		OUTDOOR UNIT	QUANTITY
		AIR FLOW	COMPRESSOR	ELEC. LOAD	
1.00	8.5 TR	3200 CFM	SCROLL	10 KW	4 NOS
2.00	5.5 TR	2400 CFM	SCROLL	7 KW	1 NOS
3.00	5.5 TR	1800 CFM	SCROLL	7 KW	1 NOS
4.00	3.0 TR	1600 CFM	SCROLL	5 KW	1 NOS

LEGENDS	
	DUCTABLE SPLIT INDOOR UNIT
	OUTDOOR UNIT
	SPLIT AC INDOOR UNIT
	SUPPLY SQUARE DIFFUSER
	RETURN SQUARE DIFFUSER
	HEPA FILTERS
	FRESH AIR LOUVERS
	FRESH AIR DUCT
	SUPPLY AIR DUCT
	RETURN AIR DUCT
	REFRIGERANT PIPING


ABBREVIATIONS	
SIDU	SPLIT AC INDOOR UNIT
SODU	SPLIT AC OUTDOOR UNIT
DSIU	DUCTABLE SPLIT INDOOR UNIT
DSOU	DUCTABLE SPLIT OUTDOOR UNIT

**NOTES**

1. THERMAL INSULATION WITH 13MM NITRILE RUBBER INSULATION IS TO BE PROVIDED THROUGHOUT THE DUCTS

2. ACOUSTIC INSULATION WITH 10MM NITRILE RUBBER INSULATION IS TO BE PROVIDED 3METER ON SUPPLY DUCTS FROM THE AHU OUTLET

REVISIONS				
NOS.	DATE	DESCRIPTION	DWN	CKD.
R0	30-04-2016	ISSUED FOR TENDER	JEFFIN	PRADEEP



**HITE**

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PROJECT TITLE

**RENOVATION OF GNM SCHOOL FOR THE EXTENSION OF JIPMER , KARAICAL**

DRAWING TITLE

**SECOND FLOOR HVAC PLAN**

PRELIMINARY DRAWING

DATE: 30-04-16

SCALE : NTS

DRG. NO.

HLL/IDD/JIPMER/GNM/KRKL/2015-16/M3

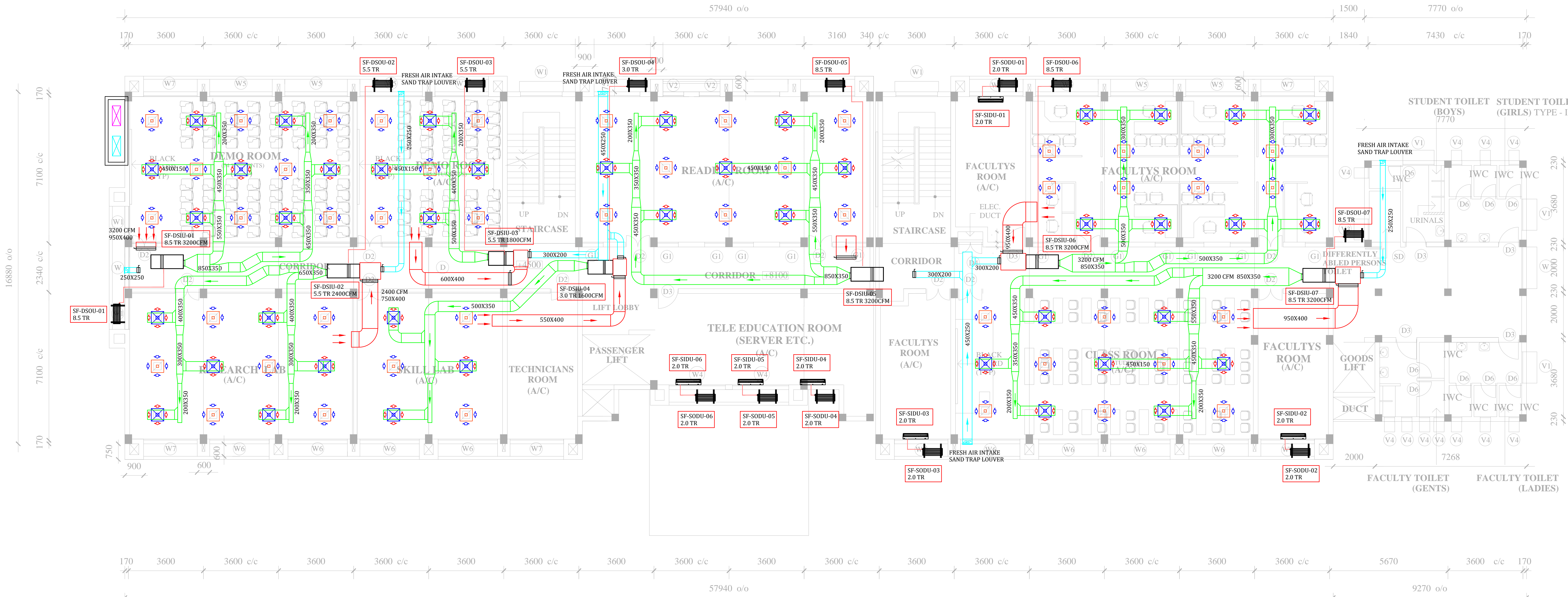
ARCHITECT

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETRES

2. DO NOT SCALE THE DRAWING

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SECOND FLOOR PLAN