



<u>CEILING SQUARE DIFFUSER SCHEDULE</u>				
SLNO	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			FACULTYS 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

<u>SAND TRAP LOUVER SCHEDULE</u>		
SL.NO	DMENSIONS	QUANTITY
1.00	450X250	02
2.00	250X250	02

<u>SPLIT AC SCHEDULE</u>				
	INDOOR UNIT		OUTDOOR UNIT	QUANTIT
COOLING CAPACITY	AIR FLOW	ELEC. LOAD	COMPRESSOR	
2.0TR	800 CFM	2.4 KW	ROTARY	6 NOS

<u>DUCTABLE SPLIT AC SCHEDULE</u>					
SL.NO	COOLING CAPACITY	INDOOR UNIT	OUTDOOR UNIT		QUANTITY
		AIR FLOW	COMPRESSOR	ELEC. LOAD	
1.00	8.0 TR	3200 CFM	SCROLL	10 KW	4 NOS
2.00	6.0 TR	2400 CFM	SCROLL	7.5 KW	1 NOS
3.00	4.5 TR	1800 CFM	SCROLL	5.65 KW	1 NOS
4.00	4.0 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

[illegible]

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PROJECT TITLE

RENOVATION OF GNM SCHOOL FOR THE EXTENSION OF JIPMER , KARAİKAL TENDER DRAWING

DRAWING TITLE

SECOND FLOOR HVAC PLAN

PRELIMINARY DRAWING

DATE: 30-04-16

SCALE : 1:200

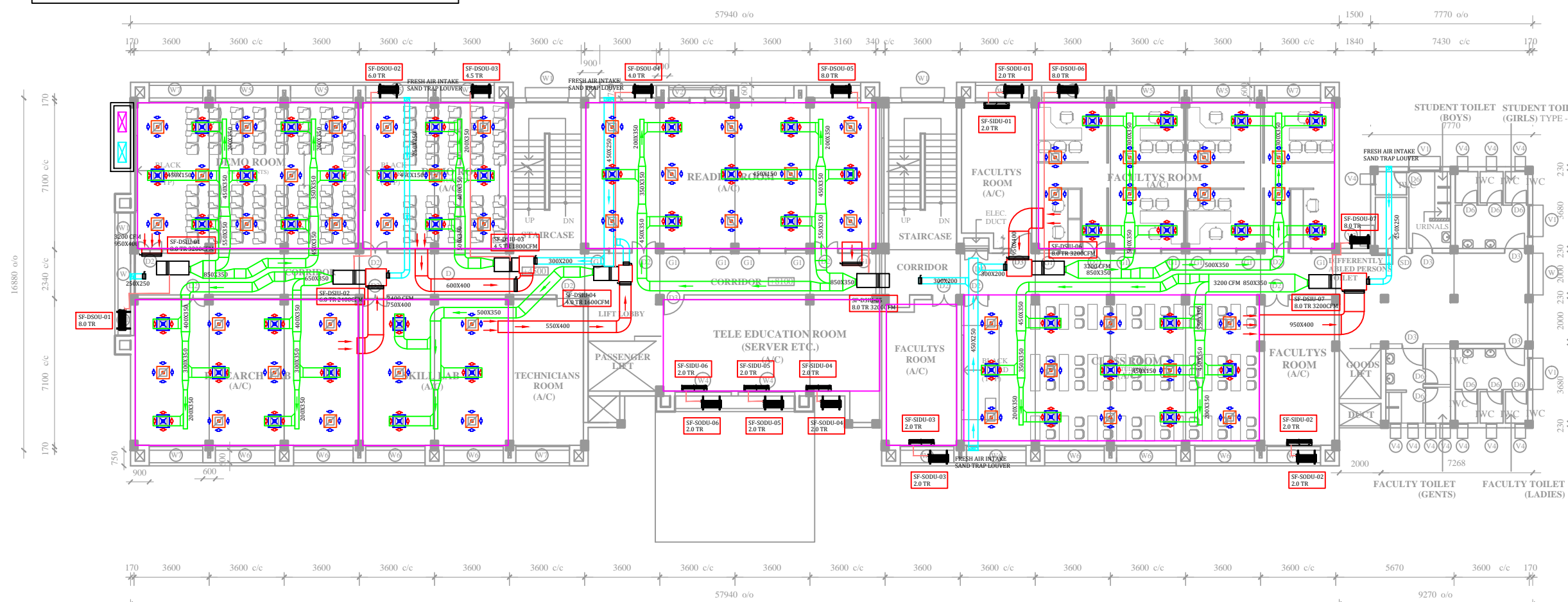
DRG. NO.

HLL/IDD/JIPMER/GNM/KRKL/2015-16/A3

ARCHITECT

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETRES
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SECOND FLOOR PLAN