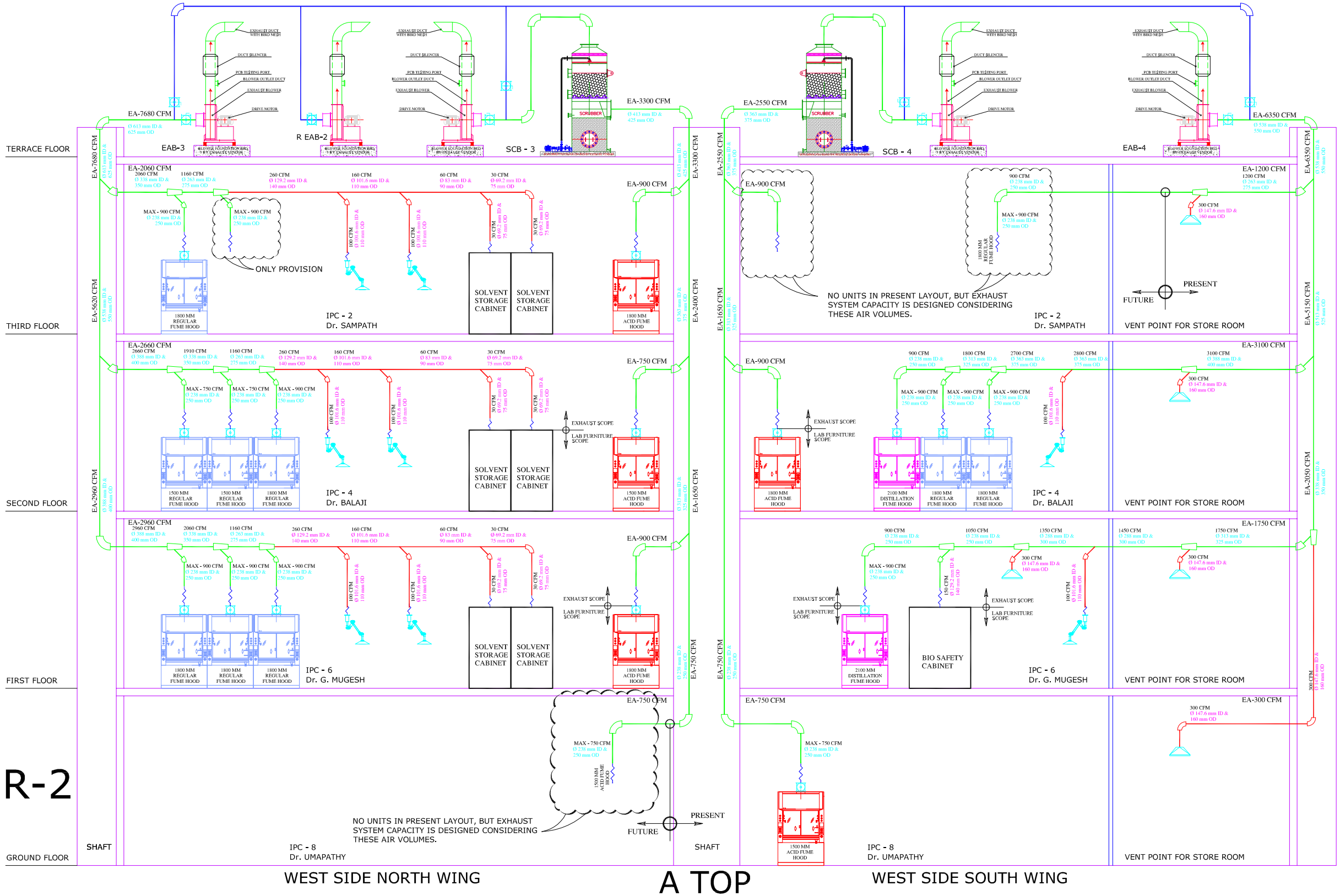

'A' TOP CLUSTER-2

WEST SIDE NORTH WING

A TOP

WEST SIDE SOUTH WING

LEGENDS:-

1200 MM REGULAR FUME HOOD	1200 MM ACID FUME HOOD	1200 MM DISTILLATION FUME HOOD	2100 MM DISTILLATION FUME HOOD	EXHAUST BLOWER WITH MOTOR	PP DAMPER
1500 MM REGULAR FUME HOOD	1500 MM ACID FUME HOOD	1500 MM ACID FUME HOOD	2100 MM REGULAR FUME HOOD	WET SCRUBBER WITH PUMP	PP DUCT SILENCER
1800 MM REGULAR FUME HOOD	1800 MM ACID FUME HOOD	1800 MM ACID FUME HOOD	SOLVENT STORAGE CABINET	GLOVE BOX	PP HOOD
				SNORKEL	FLEXIBLE DUCT
					PP FRP DUCT
					PP FRP DUCT
					PP / PPH PIPES
					FOUNDATION BED BY EXHAUST VENDOR

NOTE: 1) DUCT / PIPE SIZES OF 180mm OD (166mm ID) & BELOW ARE OF PN 4 / SDR 26 PP / PPH PIPES (FACTORY FABRICATED)
2) DUCT / PIPE SIZES ABOVE 200mm OD (188mm ID) ARE OF PP MATERIAL WITH FRP (FABRICATED DUCTS)
3) THE UNIT SHOWN IN THE AIRFLOW DIAGRAM IS ONLY PICTORIAL REPRESENTATION AND AT ACTUAL IT WILL BE AS PER THE APPROVED G A DRAWING
4) SNORKEL, SOLVENT STORAGE CABINET & GLOVE BOX IS FITTED WITH CAV, CAV IS APART OF LAB FURNITURE.

ABBREVIATION:-

EAB : EXHAUST AIR BLOWER
R EAB : REDUNDANCY EXHAUST AIR BLOWER
SCB : SCRUBBER EXHAUST BLOWER
CFM : CUBIC FEET PER MINUTE
EA : EXHAUST AIR
ID : INNER DIAMETER
OD : OUTTER DIAMETER
OD : OUTTER DIAMETER

CLIENT:

Indian Institute of Science Bangalore

INDIAN INSTITUTE OF SCIENCE, BANGALORE.

PROJECT:

LABORATORY INTERIOR WORKS FOR CHEMICAL SCIENCES BUILDING.

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APPROVED	SUNDAR
DATE	13.03.2019
JOB NO	MJ - 324
DWG NO:	2601
SCALE	NTS
REVISION	TR 0

DRAWING TITLE:

EXHAUST P & ID FOR CLUSTER - 2

DRAWING STATUS : TENDER DRAWINGS