

P & ID DRY COOLER

LEGEND

	GATE VALVE (OPEN)		BUTTERFLY VALVE (OPEN)
	GATE VALVE (CLOSE)		BUTTERFLY VALVE (CLOSE)
	GLOBE VALVE		"Y" STRAINER
	RESTIVE TEMPERATURE DETECTOR		MOTOR
	SOLENOID VALVE		PUMP
	NON RETURN VALVE		TEMPERATURE INDICATOR
	PRESSURE INDICATOR		BALL VALVE
	ELECTRICAL POWER		
	INSTRUMENT SIGNAL		
	FLOW TRANSMITTER		
	PRESSURE TRANSMITTER		
	HH HIGH SIGNAL OF LS		
	LH LOW SIGNAL OF LS		
	FLEXIBLE HOSE		

WATER TAP CONNECTION FROM HT ROORKEE

SPRAY WATER TANK
LTR.
NORMAL WATER
2000 LITERS

10MTS (APPROX.) PIPE LENGTH
25NB M.S/ERW

FLOW RANGE : ... TO ... L/S
HEAD RANGE : ... TO ... MTRS.

FM: 12.3

TO DRAIN TRENCH
25NB M.S/ERW

80NB M.S/ERW

80NB M.S/ERW , 300- 350LPM

CONTROL PANEL

WATER FLOW METER

80NB M.S/ERW 300- 350LPM

80NB M.S/ERW

PG3

CP-2

PM03

PG4

CP-3

PM04

80NB M.S/ERW

MAKEUP WATER STORAGE TANK
LTR.

EXPANSION TANK-1

25NB M.S/ERW

FLOW : LPS
HEAD : MTRS.

25NB M.S/ERW

RAW WATER STORAGE TANK
LTR.

CHEMICAL DOZING PLANT

BALANCING VALVE

32NB HOSE IN SCOPE OF ATOS

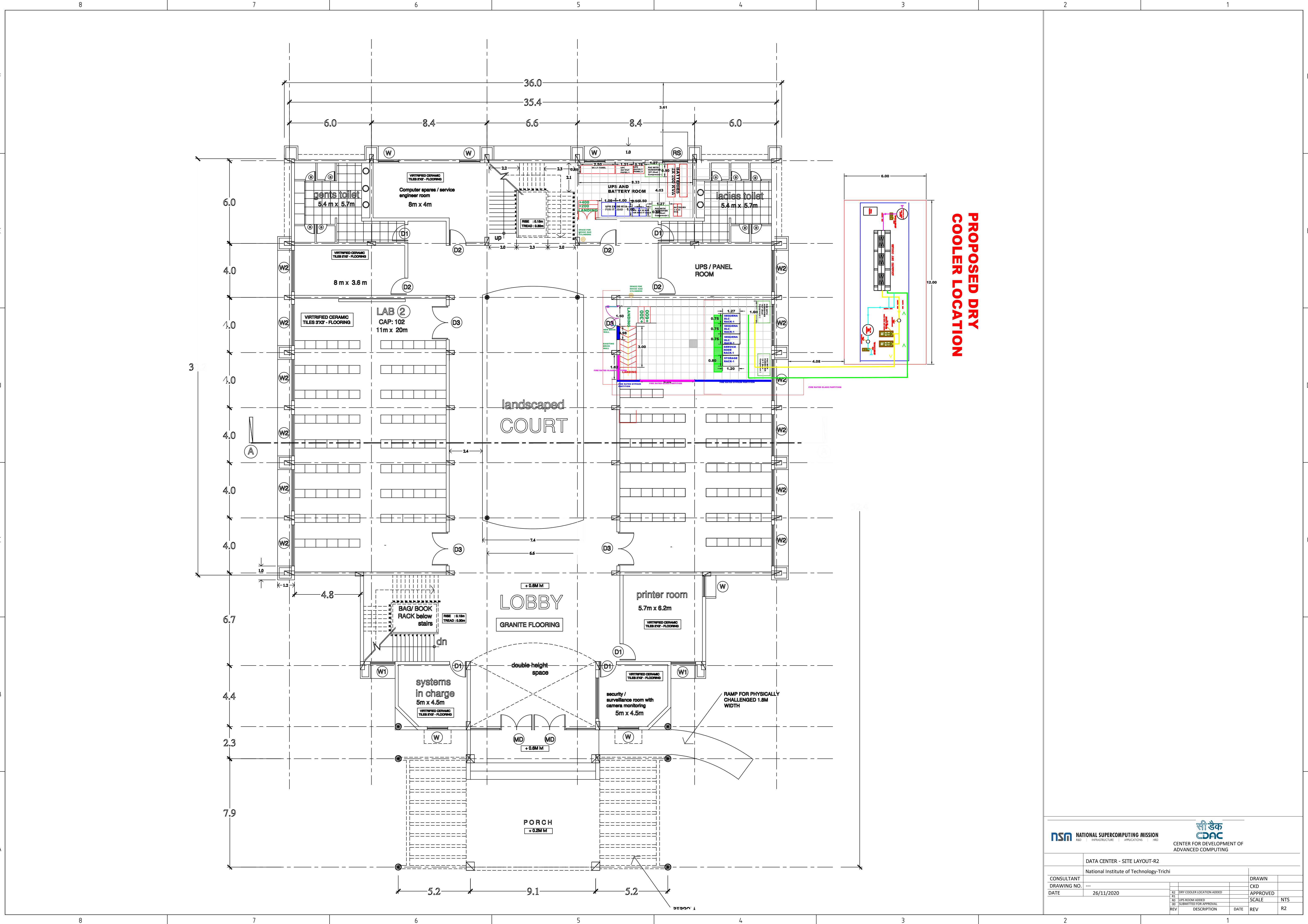
DLC RACK -R1

DLC RACK -R2

DLC RACK -R3

FLOW:60LPM PER DLC RACK
PRESSURE DROP 25KPA PER DLC RACK

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DATA CENTER - SITE LAYOUT-R2										
National Institute of Technology-Trichi										
CONSULTANT								DRAWN		
DRAWING NO.	---								CKD	
DATE	26/11/2020	R1	DRY COOLER LOCATION ADDED					APPROVED		
		R2	UPS ROOM ADDED					SCALE		
		R3	SUBMITTED FOR APPROVAL					NTS		
		REV	DESCRIPTION				DATE	REV	R2	

