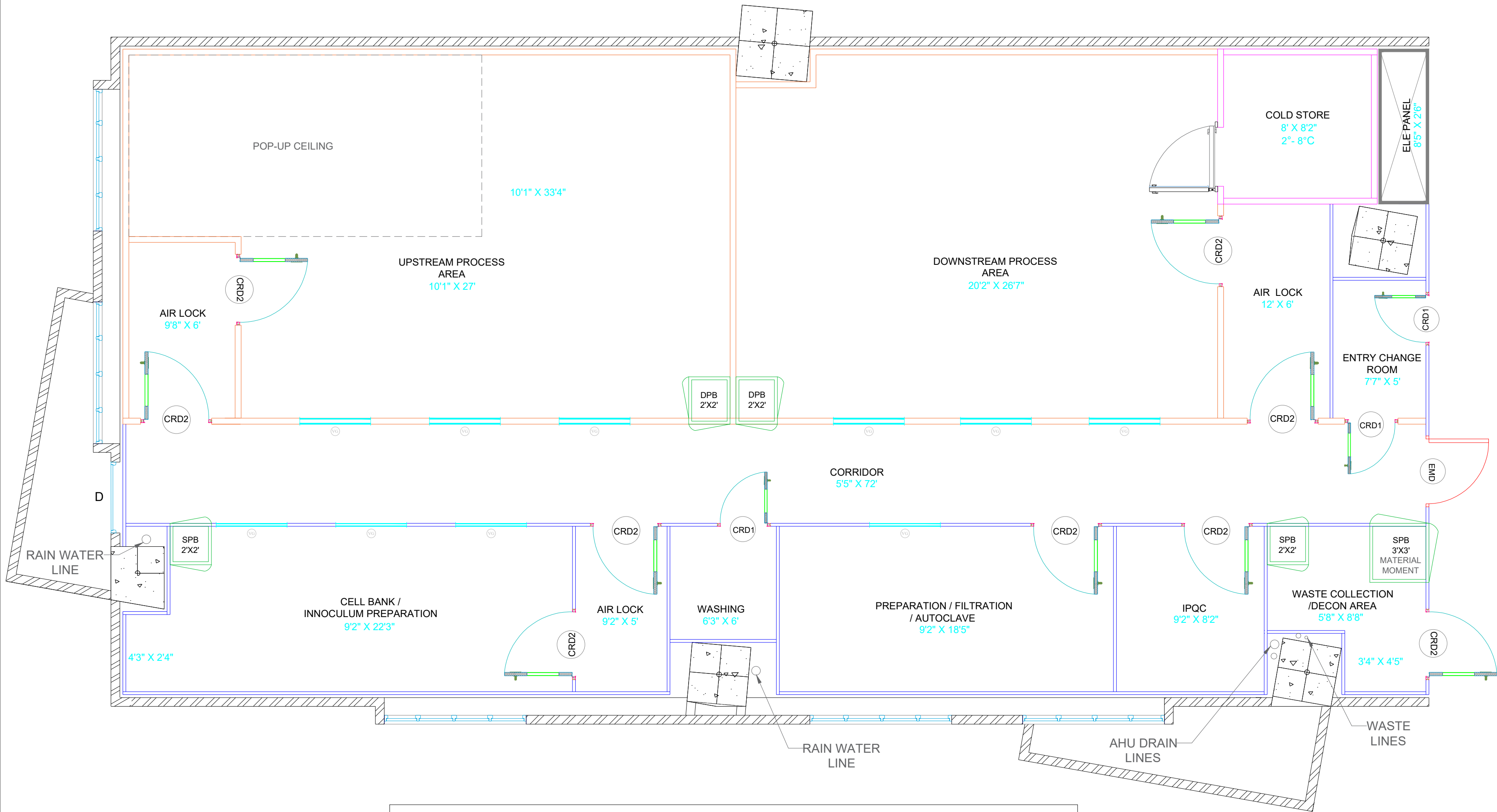




LEGENDS:					
SYMBOL	DESCRIPTION	QTY	SYMBOL	DESCRIPTION	QTY
	900X2100MM SINGLE LEAF DOOR	03		50 MM CLEAN ROOM WALL PANEL	-
	1200X2100MM SINGLE LEAF DOOR	09		100 MM CLEAN ROOM WALL PANEL	-
	1000X2100MM COLD ROOM DOOR	01		100 MM COLD ROOM WALL PANEL	-
	1200X2100MM EMERGENCY DOOR	01		2'X2' STATIC PASS BOX-2 WAY	02
	1200X1000MM VIEW GLASS	10		3'X3' STATIC PASS BOX-2 WAY	01
				2'X2' DYNAMIC PASS BOX-2 WAY	02



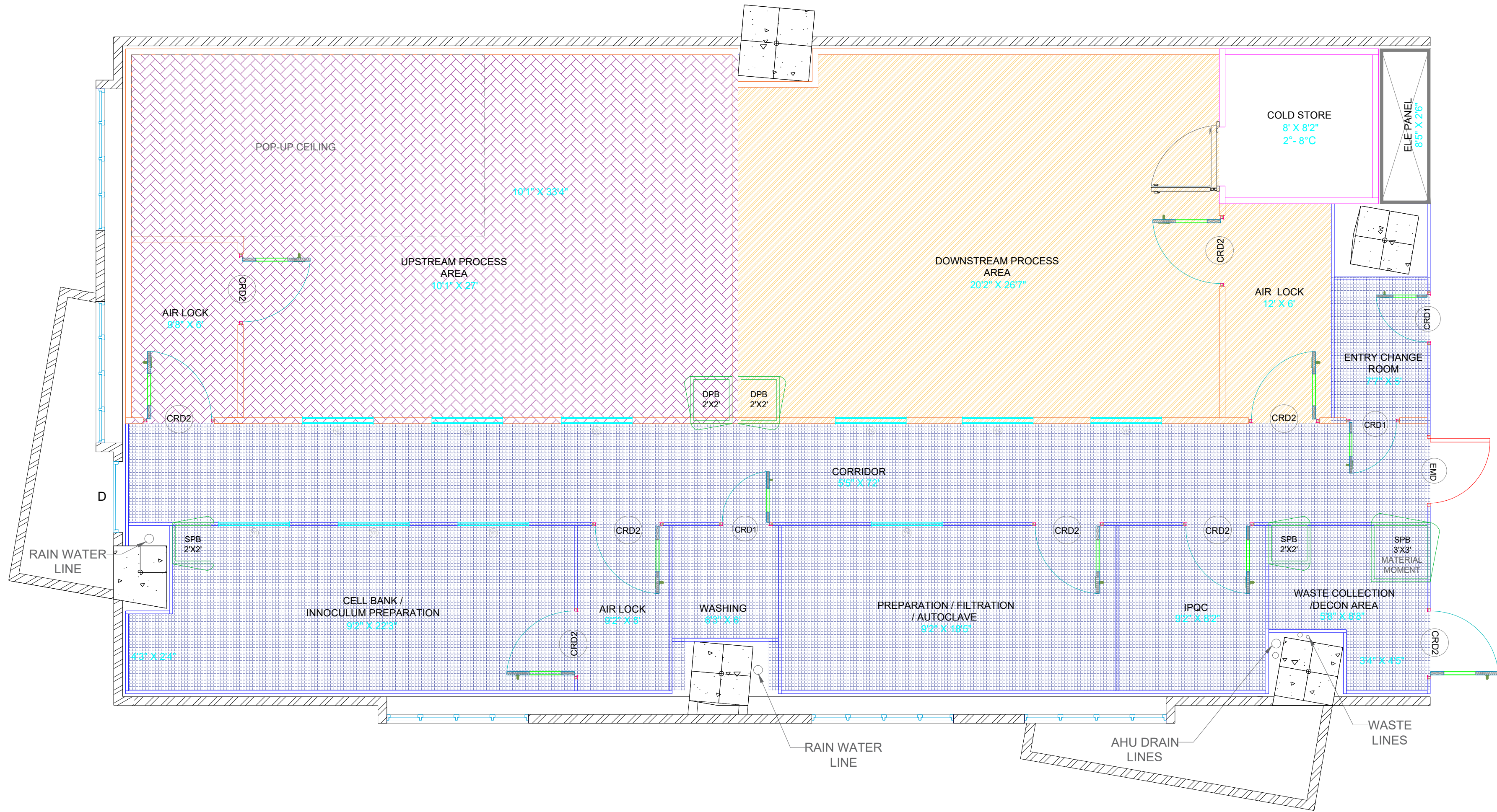
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
BASIC LAYOUT

DRAWING NUMBER : TICEL/BL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



AREA CLASSIFICATION LEGENDS	
PATTERN	CLASS
	GRADE CNC
	GRADE C
	GRADE D



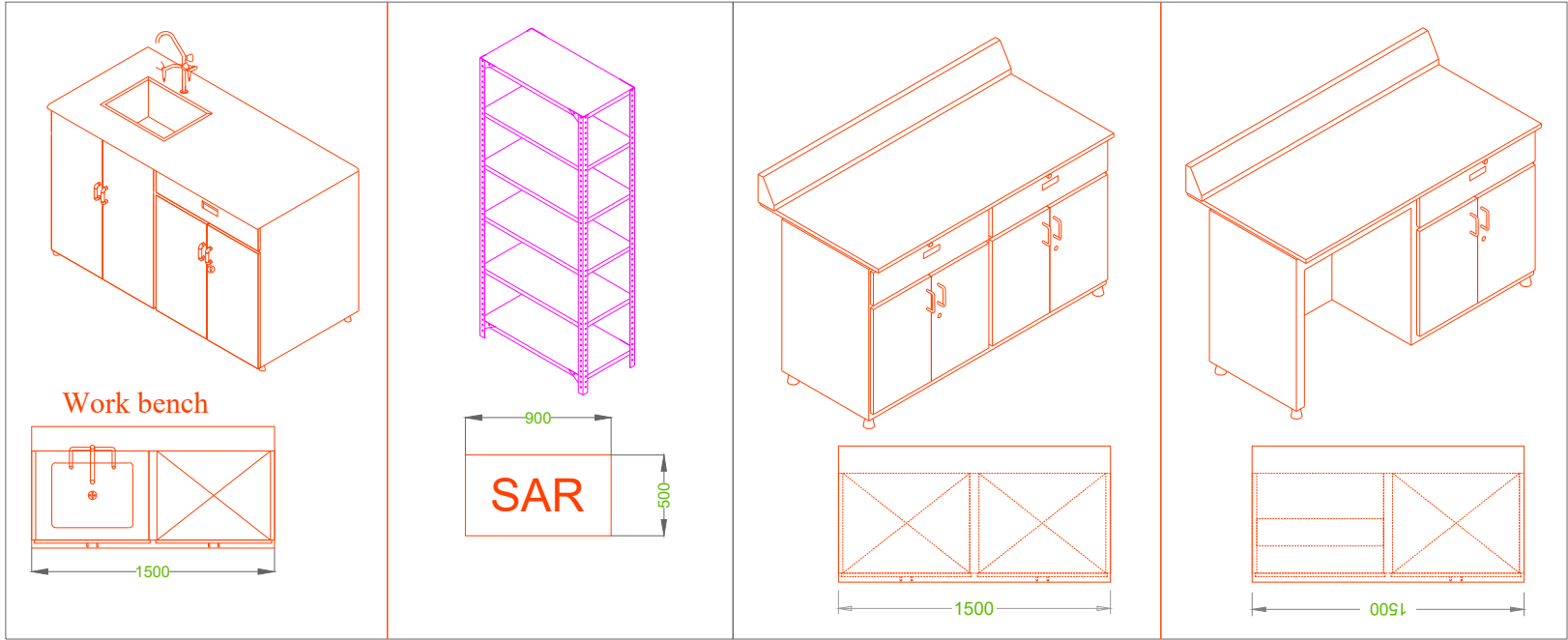
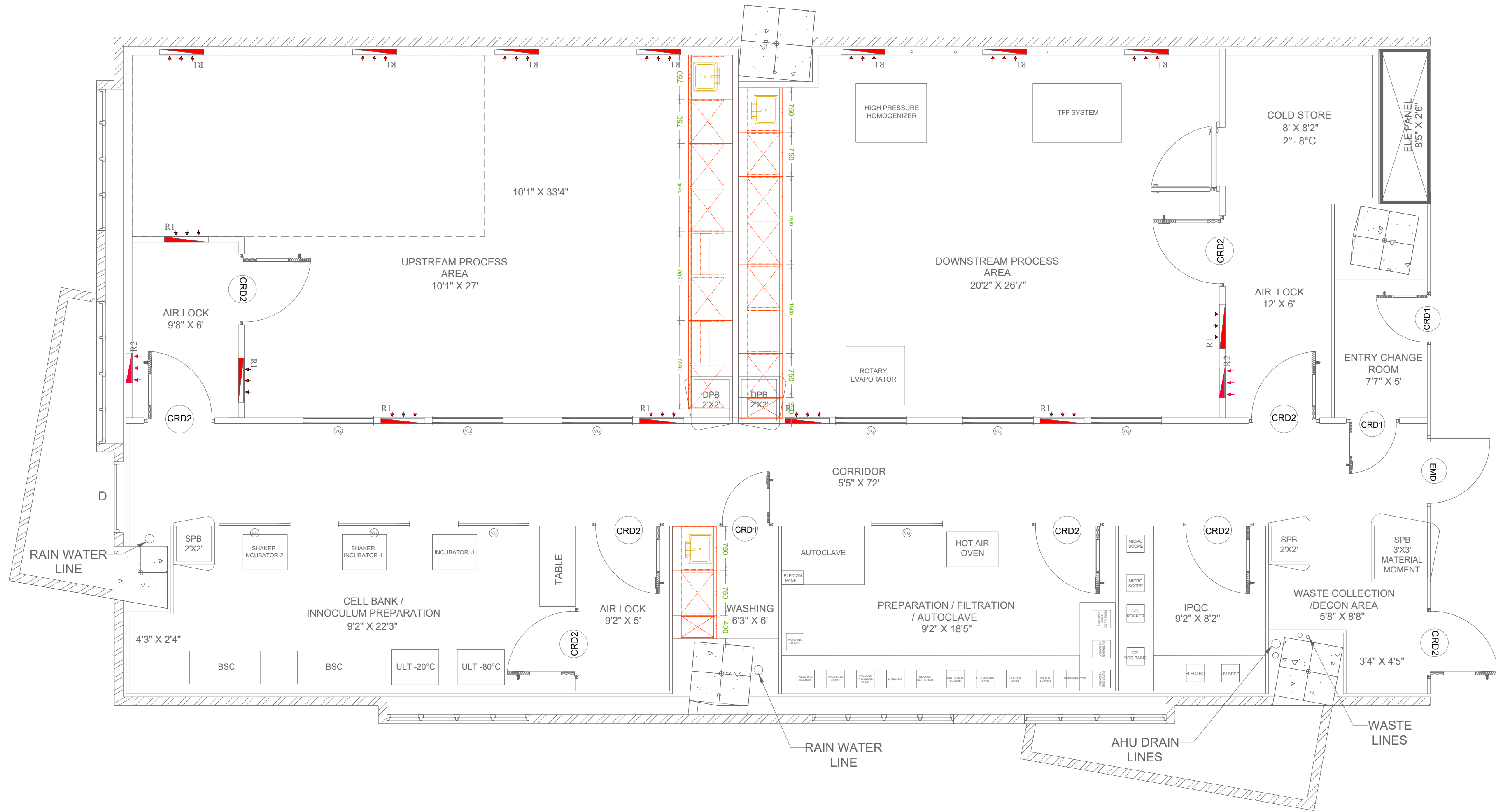
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
AREA CLASSIFICATION LAYOUT

DRAWING NUMBER : TICEL/ACL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1





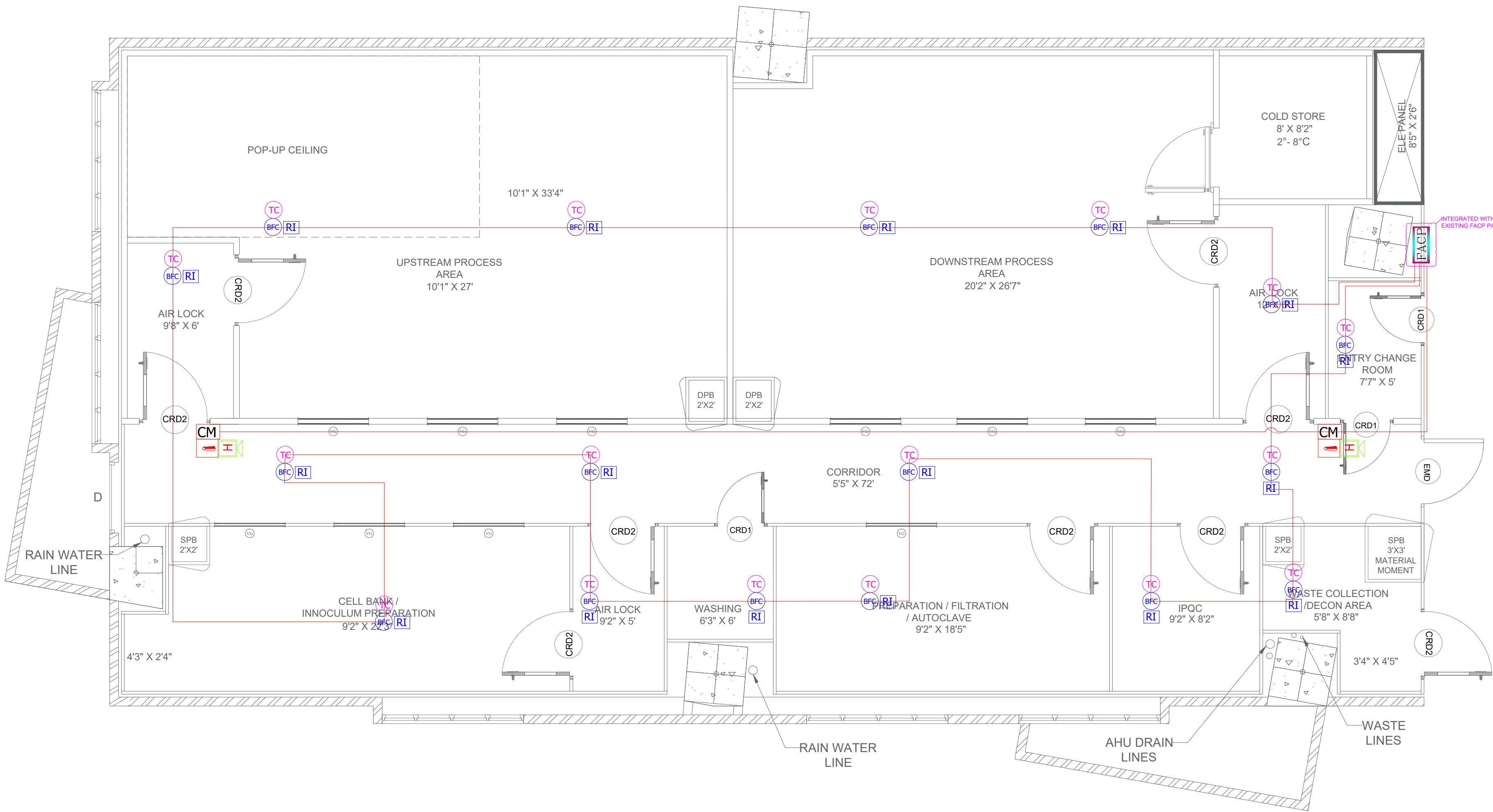
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
FURNITURE LAYOUT

DRAWING NUMBER : TICEL/FURL/001

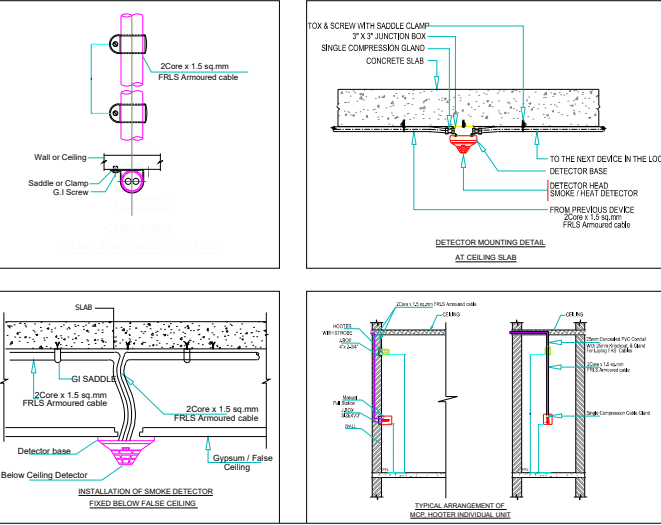
ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



LEGEND					
SYMBOL	DESCRIPTION	QTY	SYMBOL	DESCRIPTION	QTY
	Fire Alarm Control Panel	01		Monitor Module For Flow Switch / Isolation Valve	--
	Repeater Panel	--		Control Module For Hooter	02
	Multi Sensor Detector (True Ceiling)	17		Wall mounted Hooter cum Strobe	02
	Multi Sensor Detector (Below Ceiling)	17		Manual Pull Station	02
	Rate of Rise Type Heat Detector (True Ceiling)	--		Ceiling mounted mounted Hooter cum Strobe	--
	Response Indicator	17		2CX1.5 Sqmm FRLS Armoured cable For Devices Looping (Red Colour)	--
	Fault Isolator Module	--		2CX1.5 Sqmm FRLS Armoured cable For Power supply for Hooter (Red Colour)	--
	Control Relay Module For 3rd Party Integration	--			

- FIRE ALARM NOTES :
1. All Dimensions Are In mm Unless Otherwise Noted 01
 2. 1 Fault Isolator Has To Be Provided For Every 20 Detectors
 3. Any Modification In Cable Routing Shall Be Done So As To Suit Site
 4. Monitor Module Shall Be Considered For All Sprinkler Flow Switches
 5. For all 3rd-Party Integration, Exact Module & 3rd Party Equipment Location To be Coordinated at site and Cabling to be done accordingly



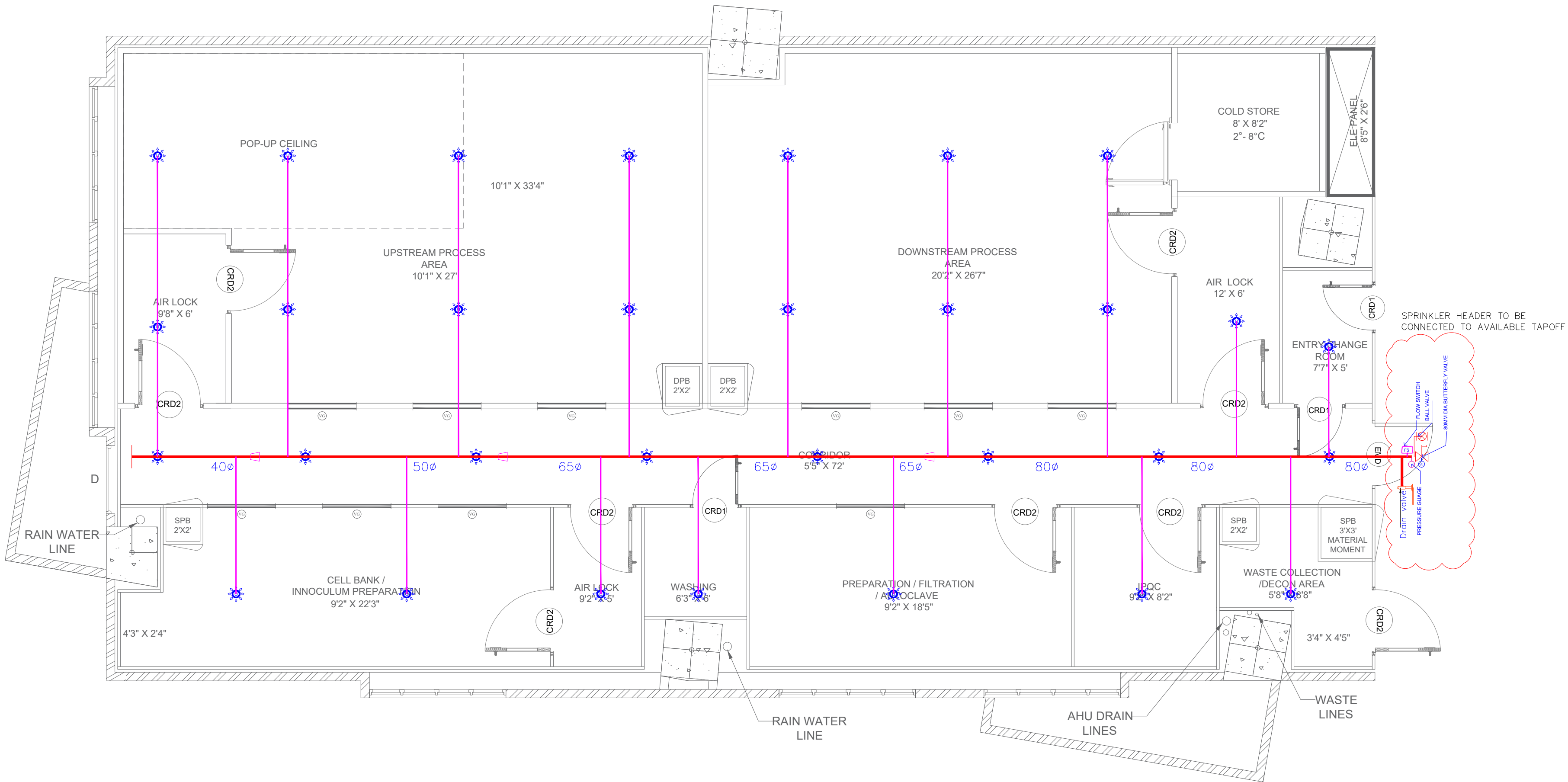
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
FIRE ALARM SYSTEM LAYOUT

DRAWING NUMBER : TICEL/FASL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



SPRINKLER SYSTEM LEGEND					
SYMBOL	DESCRIPTION	QTY	SYMBOL	DESCRIPTION	QTY
	PENDENT SPRINKLER	—		REDUCER	3
	UPRIGHT SPRINKLER	31		HEADER PIPE	—
	BUTTERFLY VALVE WITH TAMPER SWITCH	1		BRANCH PIPE	—
	BALL VALVE	1		FLEXIBLE DROP	—
	FLOW SWITCH	1		TAMPER SWITCH	1

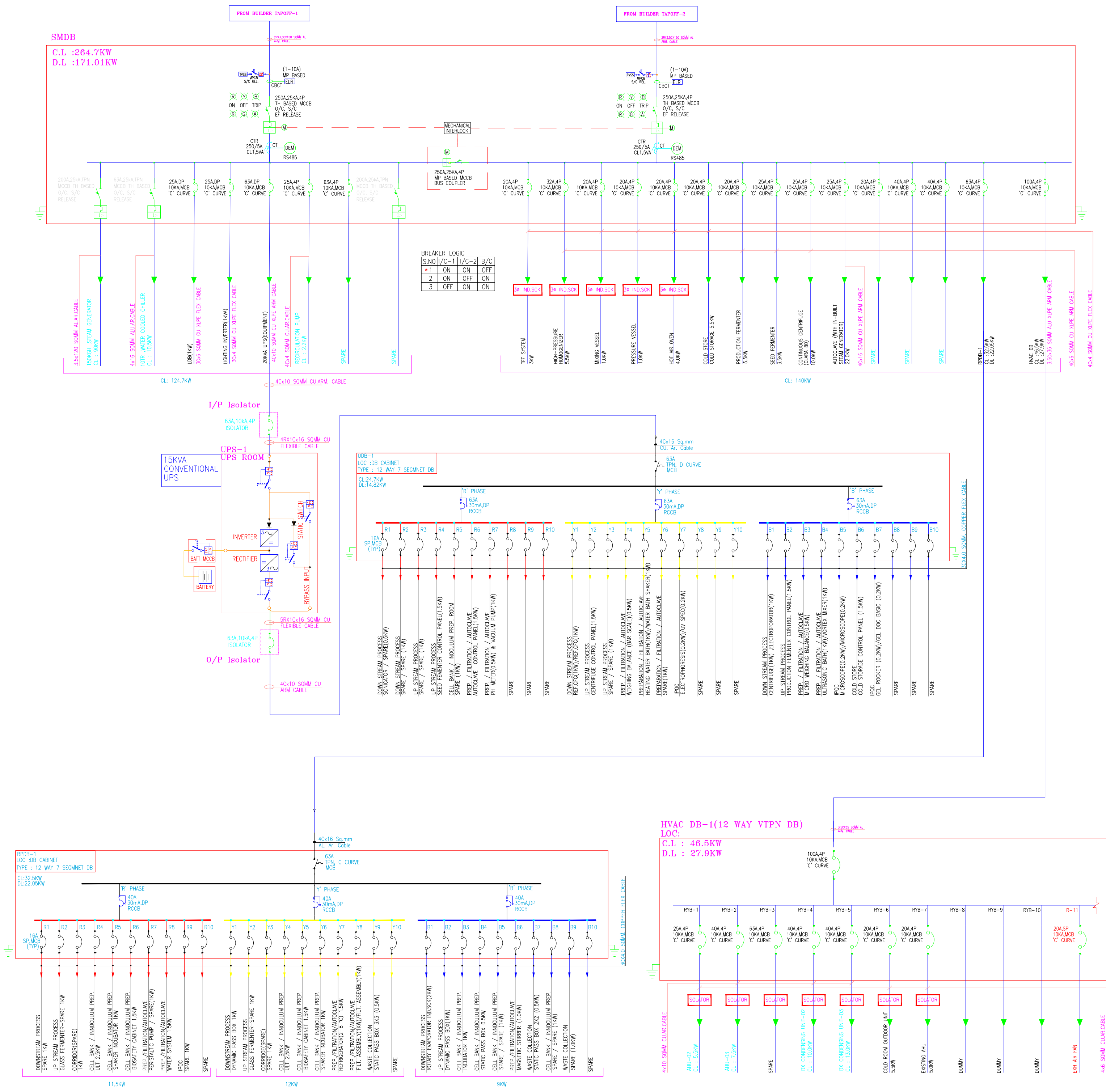


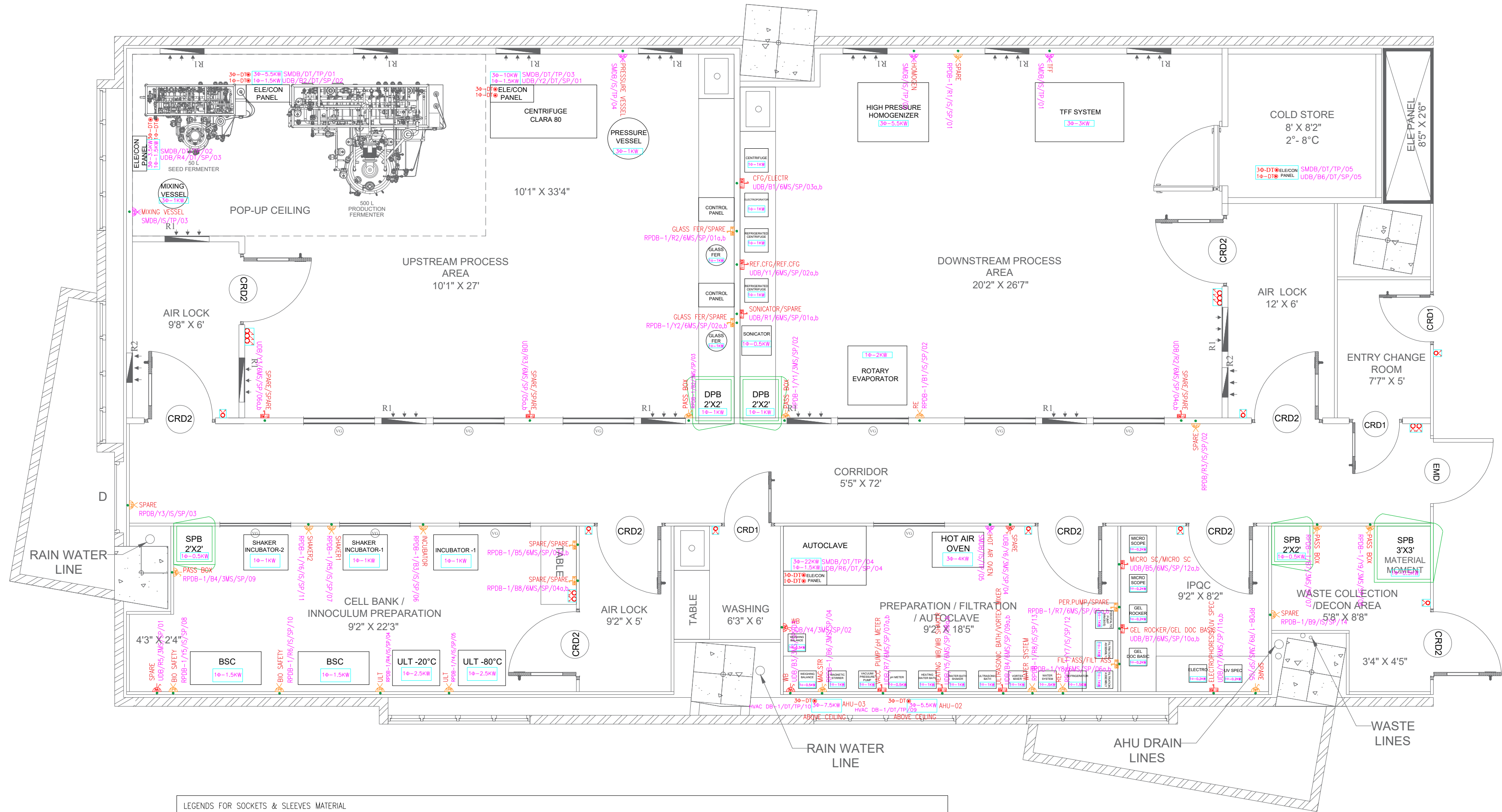
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
FIRE SPRINKLER LAYOUT

DRAWING NUMBER : TICEL/FSL/001

ISSUED FOR CONSTRUCTION				
DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1





LEGENDS FOR SOCKETS & SLEEVES MATERIAL											
SYMBOL	DESCRIPTION	SILL HEIGHT FROM F.F.L	BOX SIZE	CUTOUT SIZE	QTY	SYMBOL	DESCRIPTION	SILL HEIGHT FROM F.F.L	BOX SIZE	CUTOUT SIZE	QTY
	16A, DP & E, 220V INTERLOCKED SWITCH SOCKET IN POLYCARBONATE ENCLOSURE (IP-44) WITH PLUG. RECESSED MOUNTED SUITABLE FOR CLEAN ROOM APPLICATION. (ON UDB POWER) MAKE : BALS	1200mm	170x90mm	174x94mm	-		16A, DP & E, 220V INTERLOCKED SWITCH SOCKET IN POLYCARBONATE ENCLOSURE (IP-44) WITH PLUG. RECESSED MOUNTED SUITABLE FOR CLEAN ROOM APPLICATION. (ON RPDB POWER) MAKE: BALS	1200mm	170x90mm	174x94mm	14
	32A, DP & E, 440V INTERLOCKED SWITCH SOCKET IN POLYCARBONATE ENCLOSURE (IP-44) WITH PLUG. RECESSED MOUNTED SUITABLE FOR CLEAN ROOM APPLICATION. (ON UDB POWER)	1200mm	225x117	230x120mm	-		32A, DP & E, 440V INTERLOCKED SWITCH SOCKET IN POLYCARBONATE ENCLOSURE (IP-44) WITH PLUG. RECESSED MOUNTED SUITABLE FOR CLEAN ROOM APPLICATION. (ON RPDB POWER)	1200mm	225x117	230x120mm	05
	UNIVERSAL (6 PIN COMBINATION OF ROUND /FLAT PIN) TYPE MODULAR CONSISTING OF 6A/16A SWITCH + 6A/16A SOCKET OUTLET WITH SS TOP COVER PLATE & GI BACK BOX SUITABLE FOR RECESSED MOUNTING IN CLEAN ROOM APPLICATION.(ON UDB POWER) MAKE : NORTH WEST	1200mm	98x77MM	94x73MM	04		UNIVERSAL (6 PIN COMBINATION OF ROUND /FLAT PIN) TYPE MODULAR CONSISTING OF 6A/16A SWITCH + 6A/16A SOCKET OUTLET WITH SS TOP COVER PLATE & GI BACK BOX SUITABLE FOR RECESSED MOUNTING IN CLEAN ROOM APPLICATION. (ON RPDB POWER) MAKE : NORTH WEST	1200mm	98x77MM	94x73MM	07
	UNIVERSAL (6 PIN COMBINATION OF ROUND/FLAT PIN) TYPE MODULAR CONSISTING OF 2NOS 6A/16A SWITCH + 2NOS 6A/16A SOCKET OUTLET WITH SS TOP COVER PLATE & GI BACK BOX SUITABLE FOR RECESSED MOUNTING IN CLEAN ROOM APPLICATION. (ON UDB POWER) -MAKE : NORTH WEST	1200mm	207x77MM	203x73MM	12		UNIVERSAL (6 PIN COMBINATION OF ROUND/FLAT PIN) TYPE MODULAR CONSISTING OF 2NOS 6A/16A SWITCH + 2NOS 6A/16A SOCKET OUTLET WITH SS TOP COVER PLATE & GI BACK BOX SUITABLE FOR RECESSED MOUNTING IN CLEAN ROOM APPLICATION. (ON RPDB POWER)- MAKE : NORTH WEST	1200mm	207x77MM	203x73MM	06

LEGENDS FOR SWITCH					
SYMBOL	DESCRIPTION	SILL HEIGHT FROM F.F.L	BOX SIZE	CUTOUT SIZE	QTY
	10A SINGLE MODULE CLEAN ROOM SWITCH (CONCEALED TYPE)1 MODULE-NORTHWEST MAKE	1200mm	78x76MM	74x72MM	08
	10A TWO MODULE CLEAN ROOM SWITCH (CONCEALED TYPE)2 MODULE-NORTHWEST MAKE	1200mm	78x76MM	74x72MM	02
	10A THREE MODULE CLEAN ROOM SWITCH (CONCEALED TYPE)3 MODULE-NORTHWEST MAKE	1200mm	98x77MM	94x73MM	02

- NOTE:
- 1PU-SINGLE PHASE UDB POWER.
 - 1PR-SINGLE PHASE RPDB POWER.
 - 3PU-THREE PHASE UDB POWER.
 - 3PR-THREE PHASE RPDB POWER.
 - 3MU-THREE MODULE UDB POWER (SOCKET).
 - 3MR-THREE MODULE RPDB POWER (SOCKET).
 - 6MU-SIX MODULE UDB POWER (SOCKET).
 - 6MR-SIX MODULE RPDB POWER (SOCKET).
 - IS-INDUSTRIAL SOCKET
 - DT-DIRECT TERMINATION

PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
ELECTRICAL LAYOUT

DRAWING NUMBER : TICEL/EL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



LEGENDS FOR BOTTOM OPENING LED FITTINGS				
SYMBOL	DESCRIPTION	WATTS	QTY	
	LED LIGHT FITTINGS 495X495	(42W)	16	
	EMERGENCY LED LIGHT FITTINGS 495X495	(42W)	16	
	EMERGENCY LED LIGHT FITTINGS 405X405	(30W)	03	



PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
LIGHT LOOPING LAYOUT

DRAWING NUMBER : TICEL/LLL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



LEGENDS FOR TERMINAL HEPA FILTER									
SYMBOL	PLENUM SIZE (H*W*D)	MEDIA WIDTH	COLLAR SIZE	CUTOUT OF THE PANEL (TOP SIDE)		CUTOUT OF THE PANEL (BOTTOM SIDE)		CFM	QTY
	HEPA FILTER 610X610X175	96	245 (10")	620	620	584	584	(1000CFM)	06
	HEPA FILTER 450X450X175	96	195 (8")	460	460	424	424	(545CFM)	06
	HEPA FILTER 305X305X175	96	145 (6")	315	315	279	279	(250CFM)	02

LEGENDS FOR BOTTOM OPENING LED FITTINGS			
SYMBOL	DESCRIPTION	WATTS	QTY
	LED LIGHT FITTINGS 495X495 (42W)	16	
	EMERGENCY LED LIGHT FITTINGS 495X495 (42W)	16	
	EMERGENCY LED LIGHT FITTINGS 405X405 (30W)	03	

LEGEND - RETURN AIR RISERS					
SYMBOL	TYPE	RISER SIZE	GRILL CUTOUT SIZE	CFM	QTY
	R1	750 X100 MM	600 X450 MM	(550CFM)	14
	R2	500 X100 MM	450 X450 MM	(350CFM)	02

LEGENDS FOR DIFFUSER			
SYMBOL	DESCRIPTION	NECK SIZE	QTY
	SUPPLY AIR DIFFUSER	375X375 MM	04
	RETURN AIR DIFFUSER	375X375 MM	04
	SUPPLY AIR DIFFUSER	300X300 MM	04
	RETURN AIR DIFFUSER	300X300 MM	05
	SUPPLY DIFFUSER	250X250 MM	05
	RETURN AIR DIFFUSER	250X250 MM	05



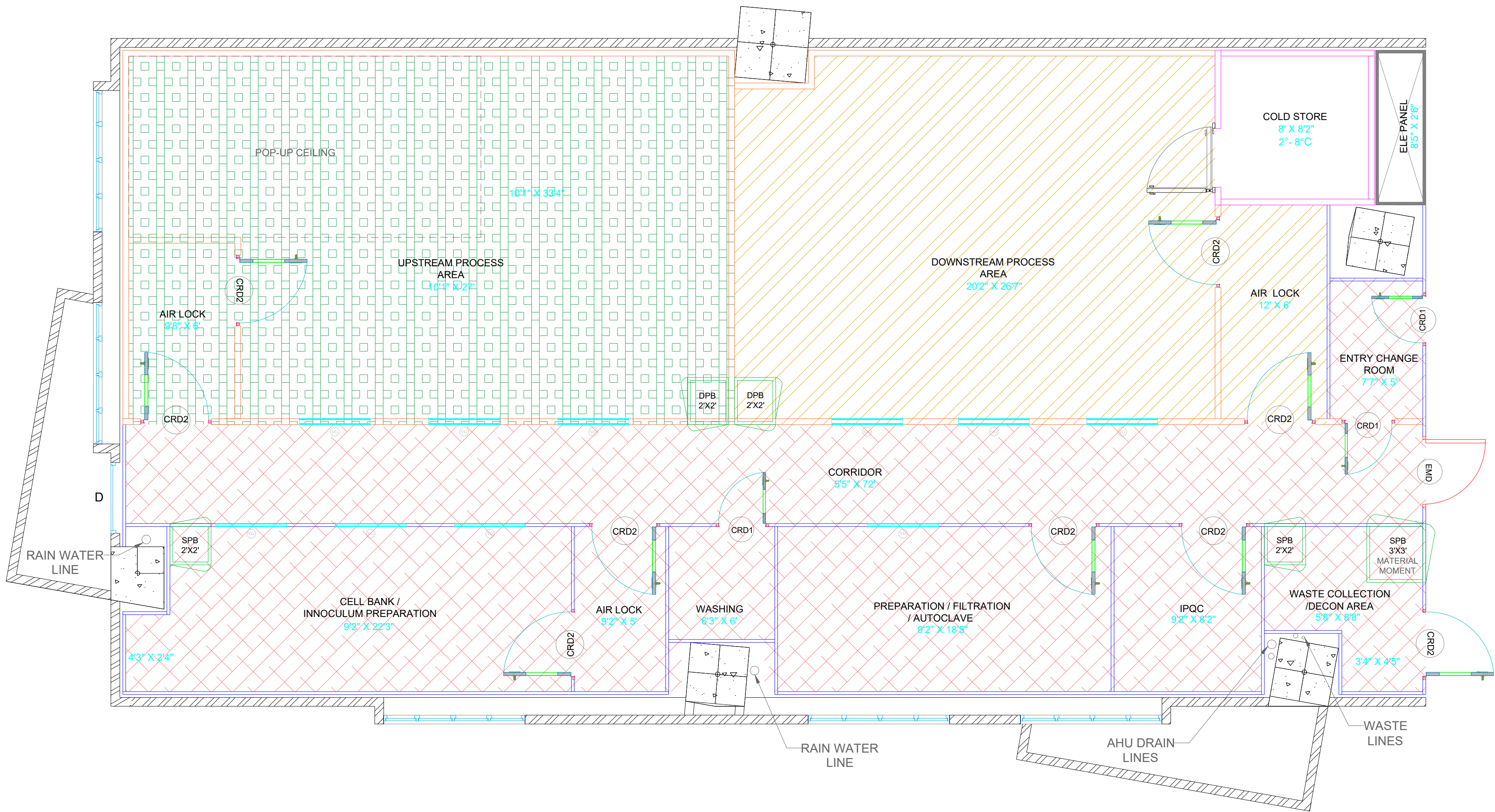
PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
RCP LAYOUT

DRAWING NUMBER : TICEL/RCPL/001

ISSUED FOR CONSTRUCTION

DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1



AHU ZONING LEGENDS	
PATTERN	AHU NO
	AHU 01
	AHU 02
	AHU 03



PROJECT DESCRIPTION:
PILOT SCALE FERMENTATION FACILITY

DRAWING DESCRIPTION
AHU ZONING LAYOUT

DRAWING NUMBER : TICEL/AHUZL/001

ISSUED FOR CONSTRUCTION				
DATE	LOCATION	SHEET	SCALE	DRAWING SIZE
27-05-2026	COIMBATORE	01 OF 01	NTS	A1