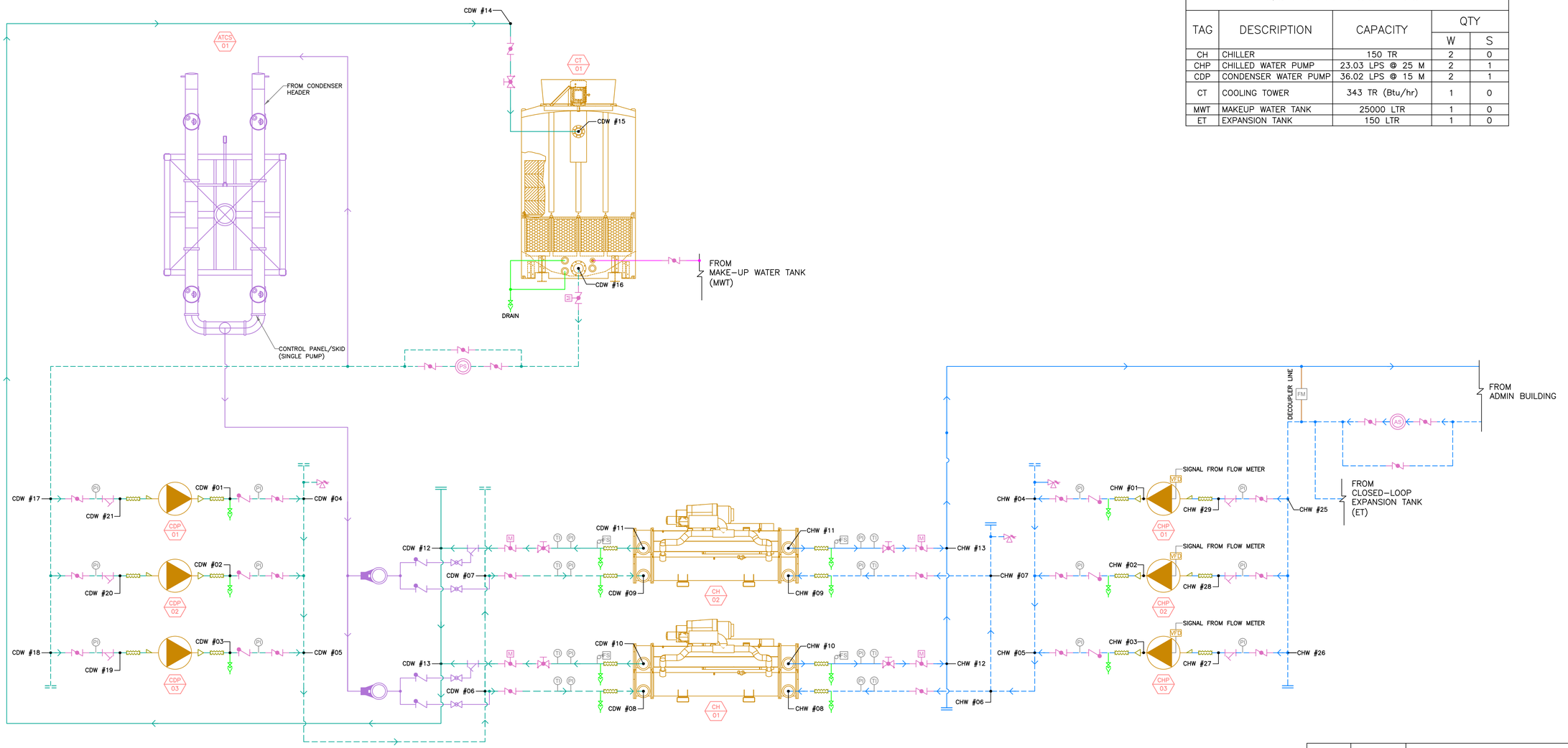
EQUIPMENT SCHEDULE

TAG	DESCRIPTION	CAPACITY	QTY	
			W	S
CH	CHILLER	150 TR	2	0
CHP	CHILLED WATER PUMP	23.03 LPS @ 25 M	2	1
CDP	CONDENSER WATER PUMP	36.02 LPS @ 15 M	2	1
CT	COOLING TOWER	343 TR (Btu/hr)	1	0
MWT	MAKEUP WATER TANK	25000 LTR	1	0
ET	EXPANSION TANK	150 LTR	1	0



LEGEND

SL. NO.	DESCRIPTION	SYMBOL	ABBREVIATION
1	CHILLED WATER PIPING (SUPPLY)		CHWS
2	CHILLED WATER PIPING (RETURN)		CHWR
3	CONDENSER WATER PIPING (SUPPLY)		CDWS
4	CONDENSER WATER PIPING (RETURN)		CDWR
5	DRAIN PIPING		D
6	DRAIN VALVE WITH FUNNEL		DV

LEGEND

SL. NO.	DESCRIPTION	SYMBOL	ABBREVIATION
1	Y-STRAINER		YS
2	POT STRAINER	PS	PS
3	AIR & DIRT SEPARATOR	AS	AS
4	BUTTERFLY VALVE		BFV
5	MOTORISED BUTTERFLY VALVE	M	MBFV
6	NON RETURN VALVE		NRV
7	MANUAL BALANCING VALVE		MBLV
8	AIR RELEASE VALVE		ARV
9	BALL VALVE		BV

LEGEND

SL. NO.	DESCRIPTION	SYMBOL	ABBREVIATION
1	BALL TRAP		BT
2	FLOW SWITCH	FS	FS
3	FLOW METER	FM	FM
4	PRESSURE INDICATOR	PI	PI
5	TEMPERATURE INDICATOR	TI	TI

LEGEND

SL. NO.	DESCRIPTION	SYMBOL	ABBREVIATION
1	FLEXIBLE CONNECTION		FC
2	CONCENTRIC REDUCER		CR
3	ECCENTRIC REDUCER		ER
4	CHILLER		CH
5	COOLING TOWER		CT
6	PUMP		--

REV. NO.	DATE	DESRIPTION	SIGNATURE
R0	25-06-2024	ISSUED FOR TENDER	BHAVIK P.

REVISION

PROJECT

CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P& C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

TITLE

SCHEMATIC LAYOUT OF HVAC PIPING

GEO DESIGNS & RESEARCH (P) LTD.

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APPROVED BY	PARIN SHAH, P.Eng. (India)		
DEPARTMENT	MEP (DESIGN)	DOC. STATUS	FOR TENDER
DGN.	KETUL S.		
DRN.	KARAN B.	PROJECT NO.	GDBU23005
CHD.	BHAVIK P.	DRAWING NO.	SHEET NO. / REV.
SCALE	NTS	GDBU23005-MEP-02	07 OF 11 / R0
ISSUE DATE	25-06-2024		
REF. DRG. NO.			SHT. NO.
DATE		**DEENDAYAL PORT AUTHORITY** PROJECT DIVISION	

JE (E)	AXEN (E)	XEN(EN)