

IRISH HOUSE_DELHI AIRPORT_M&E DRAWINGS

ALL DIMENSIONS MUST BE CHECKED ON SITE
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

NOTES:
IRRESPECTIVE OF THE DRAWING(S), IT IS THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY THAT SHALL BE EXECUTED AND COMPLETED IN ACCORDANCE TO THE SPECIFICATION, DRAWING(S) AS WELL AS REQUIREMENT. THE SAID DRAWING(S) SHALL NOT RELIEVE CONTRACTOR FROM ANY OBLIGATION UNDER THE CONTRACT AND IN PARTICULAR FROM ITS RESPONSIBILITY IN RELATION TO THE INSTALLATION MATERIALS AND WORKMANSHIP AND WHERE RELEVANT FROM A DUTY TO SEEK APPROVAL FROM THE COMPETENT AUTHORITY.

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REV	DATE	DESCRIPTION	ST	MB
T00	07.03.24	ISSUED FOR CONSTRUCTION		



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
TITLE SHEET

SCALE: NTS DATE: 07.03.24 DRAWN: ST A3 SHEET

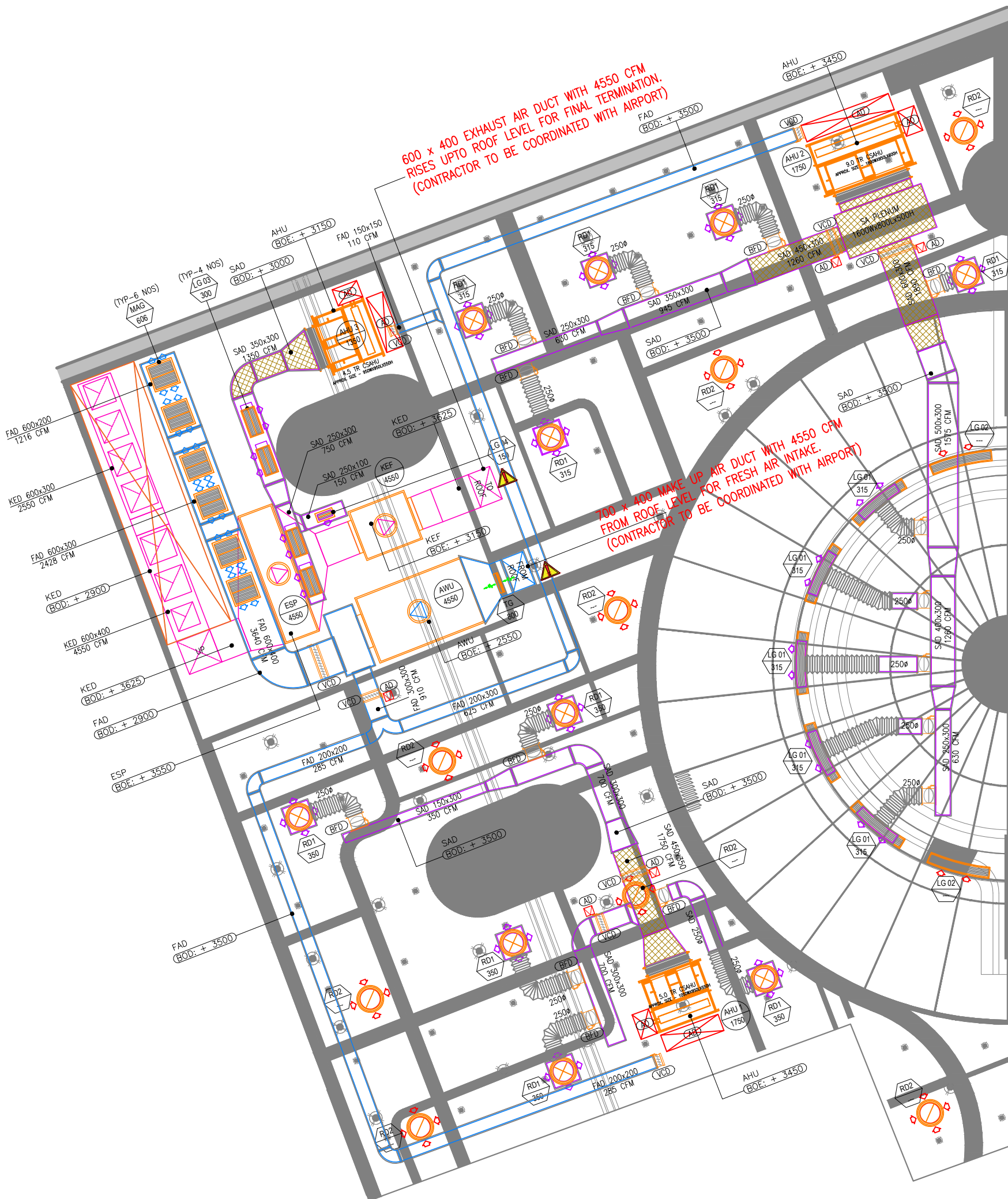
STATUS

TENDER

ORG	PROJECT NO	DRAWING TYPE	NUMBER	REV
TFS	0000	GEN	G101	T00

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HVAC SYSTEM LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AIR HANDLING UNIT-AHU		SUPPLY AIR ROUND DIFFUSER		MAKE-UP AIR DUCT WITH 19MM NITRILE RUBBER INSULATION - MUAD
	ELECTROSTATIC PRECIPITATOR - ESP		RETURN AIR ROUND DIFFUSER		SUPPLY AIR RECTANGULAR DUCT WITH 19MM NITRILE RUBBER EXTERNAL INSULATION - SAD
	KITCHEN EXHAUST FAN - KEF		MAKE UP AIR GRILLE - MAG 2 WAY GRILLE		KITCHEN EXHAUST AIR DUCT WITH 80MM FIRE BOARD INSULATION - KED
	AIR WASHER UNIT - AWU		BUTTERFLY DAMPER - BFD		ACOUSTIC INSULATION
	KITCHEN EXHAUST HOOD - KEH		VOLUME CONTROL DAMPER - VCD		FLEXIBLE DUCT

AIR TERMINAL SCHEDULE						
TAG	SERVICE	NECK SIZE (mm)	FACE SIZE (mm)	PATTERN	MATERIAL	REMARKS
SD1	SUPPLY	350ø	STD.	4 WAY	ALUMINIUM	SUPPLY ROUND DIFFUSER
RD1	RETURN	350ø	STD.	4 WAY	ALUMINIUM	RETURN ROUND DIFFUSER
LG1	SUPPLY	1050x150	1090x190	1 WAY	ALUMINIUM	SUPPLY LINEAR GRILLE 15° DEFLECTION
LG2	RETURN	1050x150	1090x190	1 WAY	ALUMINIUM	RETURN LINEAR GRILLE 15° DEFLECTION
LG3	SUPPLY	450x200	490x140	1 WAY	ALUMINIUM	SUPPLY LINEAR GRILLE 15° DEFLECTION
MAG	SUPPLY	400x400	--	2 WAY	ALUMINIUM	SQUARE CEILING GRILLE - 15° DEFLECTION

BOD : BOTTOM OF DUCT.
BOE : BOTTOM OF EQUIPMENT.
CWS : COLD WATER SUPPLY.
AHU : AIR HANDLING UNIT.
AWU : AIR WASHER UNIT.
ESP : ELECTROSTATIC PRECIPITATOR.
KEF : KITCHEN EXHAUST FAN.

NOTE:
ALL AIR TERMINALS COLOUR & FINISH IS TO BE ADVISED BY ARCHITECT.

HVAC EQUIPMENT SCHEDULE				
TAG	EQP TYPE	COOLING CAPACITY (TR)	AIR FLOW (CFM)	WATER FLOW (GPM)
ODU	VRF OUTDOOR UNIT	18 HP	--	--
AHU 1	CEILING SUSPENDED AHU (VRF TYPE)	5.0	1750	--
AHU 2	CEILING SUSPENDED AHU (VRF TYPE)	9.0	3150	--
AHU 3	CEILING SUSPENDED AHU (CHW TYPE)	4.5	1350	10.8
ESP	ELECTROSTATIC PRECIPITATOR	--	4550	--
KEF	KITCHEN EXHAUST FAN	--	4550	--
AWU	AIR WASHER UNIT	--	4550	--

T00 15.02.24 ISSUED FOR TENDER SF RR
REV DATE DESCRIPTION DRN CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
HVAC DUCTING LAYOUT
- ON RCP

SCALE 1:75 DATE 07.03.2024 DRAWN SF A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX HVAC M101T00

NOTE:
AIRPORT TO PROVIDE CHILL WATER SUPPLY OF 10.8 GPM WITH 32MM PIPE SIZE TO LOCATION AS INDICATED IN THE DRAWING.
(ASSUMED CHILL WATER SUPPLY TEMPERATURE 6°C, & CHILL WATER RETURN TEMPERATURE 12°C)

XXX - EQUIPMENT TYPE AT - TERMINAL TYPE
XX - CFM AS INDICATED XX - CFM AS INDICATED

- NOTES:
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 - THIS IS A SCHEMATIC/ CONCEPTUAL DRAWING ONLY TO ARTICULATE THE DESIGN INTENT. POST RECEIPT OF DETAILED SURVEY**, THE DRAWINGS WILL BE AMENDED/ DETAILED FURTHER.
 - ALL AHU PIPELINES TO BE CONNECTED WITH AIRPORT SPECIFIED BTU METER.
 - ALL HVAC EQUIPMENTS IS TO BE INTEGRATED WITH AIRPORT FIRE ALARM SYSTEM. FOR MORE DETAILS PLEASE CHECK FIRE ALARM DRAWING.
 - RETURN AIR PATH FROM RETURN DIFFUSER/GRILLE TO AHU IS ABOVE THE CEILING VOID.
 - ALL AIR TERMINALS SHOULD BE CONNECTED TO THE SUPPLY/EXTRACT AIR DUCTS THROUGH AN OPPOSED BLADE DAMPER (OBD).
 - THE PRESSURE GAUGE SHOULD BE GLYCERINE-FILLED.
 - THE CONTRACTOR TO ENSURE THE INSTALLATION AND COMMISSIONING SHALL BE DONE AS PER DIAL'S APPROVED METHODOLOGY.
 - THE CONTRACTOR TO ENSURE DUCTING SHALL BE BY 655, GALVANISED IRON SHEET TO BE USED FOR ALL DUCTING WORKS. THERMAL INSULATION ON DUCTS SHALL BE 19 MM THICK. CLOSED CELL CLASS 0: BS 476 PART 6-7 FM APPROVED NITRILE RUBBER ELASTOMERIC INSULATION THERMAL CONDUCTIVITY 0.033 WATTS PER METER-KELVIN (W/(M K)) AT 0°C FOR AIR CONDITIONING DUCTING.
 - THE CONTRACTOR TO ENSURE 2. THERMAL INSULATION ON KITCHEN EXHAUST DUCTING SHALL BE 80 MM THICK ALUMINIUM FOIL-FACED RESIN-BONDED FIBRE GLASS WOOL OF DENSITY NOT LESS THAN 48 KG/M3.
 - THE CONTRACTOR TO ENSURE THERMAL INSULATION ON FRESH AIR, SUPPLY AIR AND RETURN AIR SHALL BE 19MM THICK CLOSED CELL ANTIMICROBIAL CLASS 0: BS 476 AND PART 6 & 7 FM APPROVED NITRILE RUBBER ELASTOMERIC INSULATION THERMAL CONDUCTIVITY 0.033 WATTS PER METER-KELVIN (W/ (M K)) AT 0°C.
 - THE CONTRACTOR IS TO ENSURE SUPPORTING DUCTING IS DONE USING AN ANGLE 50X 50 X 5MM AND TIE ROD OF SIZE MINIMUM 10 MM DIA/ AS PER DUCT SIZE.
 - ALL SERVICE ELEVATIONS MARKED IN THE DRAWINGS ARE FROM 0.00 LVL (FINISHED FLOOR LEVEL).
 - FINAL STRUCTURAL DESIGN AND CALCULATIONS TO BE FINALIZED BY STRUCTURAL DESIGN ENGINEER.

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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
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	KITCHEN EXHAUST FAN - KEF		MAKE UP AIR GRILLE - MAG 2 WAY GRILLE		KITCHEN EXHAUST AIR DUCT WITH 80MM FIRE BOARD INSULATION - KED
	AIR WASHER UNIT - AWU		BUTTERFLY DAMPER - BFD		ACOUSTIC INSULATION
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AHU 3	CEILING SUSPENDED AHU (CHW TYPE)	4.5	1350	10.8
ESP	ELECTROSTATIC PRECIPITATOR	--	4550	--
KEF	KITCHEN EXHAUST FAN	--	4550	--
AWU	AIR WASHER UNIT	--	4550	--

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XX - CFM AS INDICATED

AT - TERMINAL TYPE
XX - CFM AS INDICATED

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T00 15.02.24 ISSUED FOR TENDER SF RR
REV DATE DESCRIPTION DRN CHK



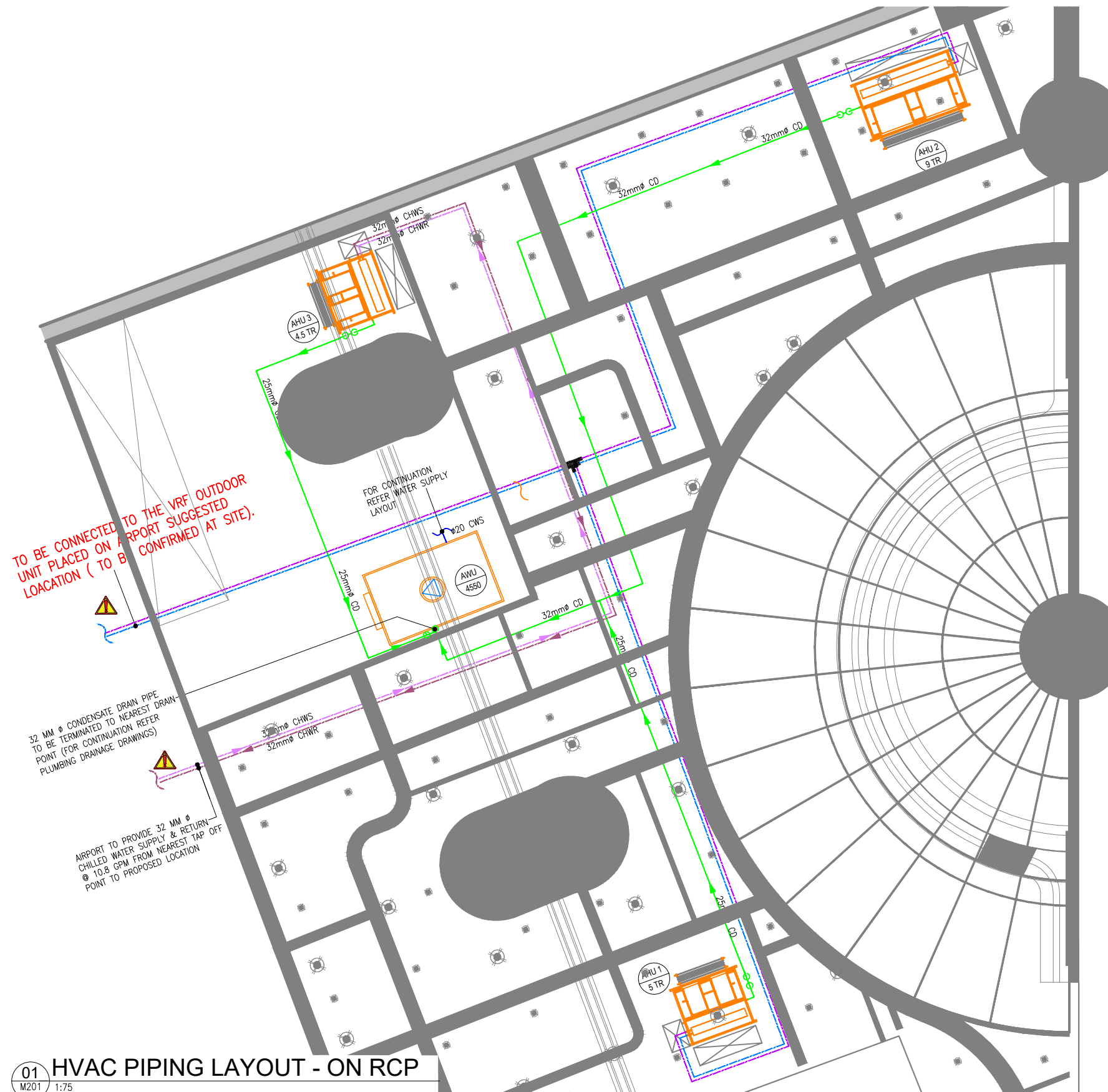
PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
**HVAC DUCTING LAYOUT
- ON PLAN**

SCALE 1:75 DATE 07.03.2024 DRAWN SF A3 SHEET

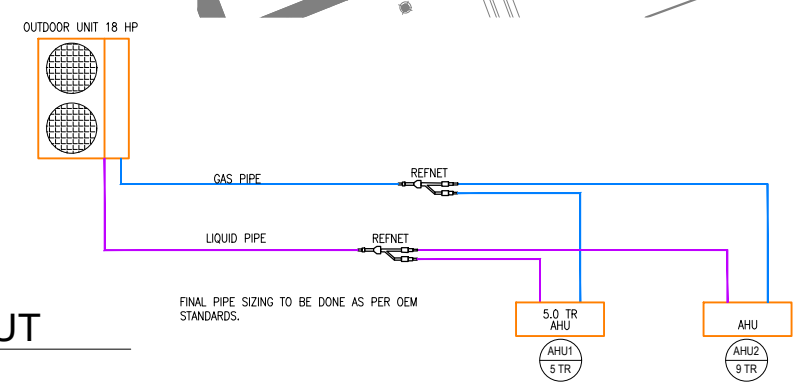
STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX HVAC M102T00

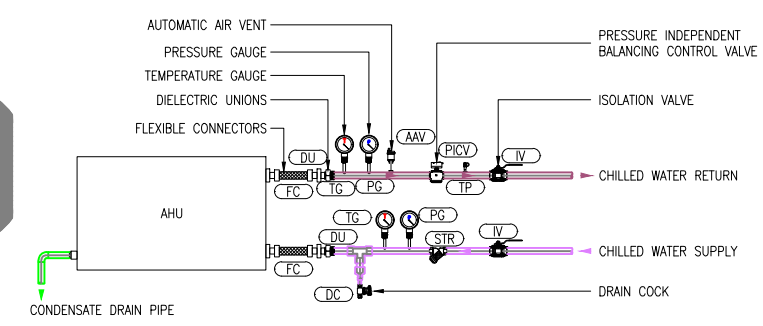


01 HVAC PIPING LAYOUT - ON RCP
M201 1:75

02 VRF SCHEMATIC LAYOUT
M201 NTS



TYPICAL DETAIL OF FCU CHILLED WATER PIPE CONNECTIONS



FAN COIL UNIT PIPING LEGEND	
SYMBOL	DESCRIPTION
(AAV)	AUTOMATIC AIR VENT
(DC)	DRAIN COCK
(DU)	DIELECTRIC UNION
(FC)	FLEXIBLE CONNECTORS / FLEXIBLE METAL HOSE
(IV)	ISOLATION VALVE (BALL VALVE)
(PICV)	PRESSURE INDEPENDENT BALANCING CONTROL VALVE (PICV / PIBCV)
(STR)	Y TYPE STRAINER
(PG)	GLYCERINE FILLED PRESSURE GAUGE
(TG)	GLYCERINE FILLED TEMPERATURE GAUGE
(Solid line with blue border)	CHILLED WATER SUPPLY PIPE - INSULATED
(Solid line with red border)	CHILLED WATER RETURN PIPE - INSULATED
(Green line with blue border)	CONDENSATE DRAIN PIPE - INSULATED
(Green circle with blue border)	U-TRAP UT

NOTE:
• IF REQUIRED, FLANGE CONNECTIONS TO BE PROVIDED BASED ON EQUIPMENT SELECTION.

HVAC EQUIPMENT SCHEDULE				
TAG	EQP TYPE	COOLING CAPACITY (TR)	AIR FLOW (CFM)	WATER FLOW (GPM)
AHU 1	CEILING SUSPENDED AHU (VRF TYPE)	5.0	1750	---
AHU 2	CEILING SUSPENDED AHU (VRF TYPE)	9.0	3150	---
AHU 3	CEILING SUSPENDED AHU (CHW TYPE)	4.5	1350	10.8

NOTE:
AIRPORT TO PROVIDE CHILL WATER SUPPLY OF 10.8 GPM WITH 32MM PIPE SIZE TO LOCATION AS INDICATED IN THE DRAWING .

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 - AHU PIPELINES TO BE CONNECTED WITH AIRPORT SPECIFIED BTU METER.
 - COIL ADP TAKEN AS 58 DEG. F. BASIS FOR THE SAME NEEDS TO BE FACILITATED.
 - ALL HVAC EQUIPMENT AND ACCESSORIES TECHNICAL DATA SHEET NEED GET APPROVED FROM DIAL PRIOR PROCUREMENT.
 - FITTINGS (INSULATION, VALVES, DAMPERS, TEMPERATURE & PRESSURE GAUGE, PIDV ETC. TECHNICAL DATA SHEET NEEDS TO BE FACILITATED AND GET APPROVED BY DIAL ENGINEERING CONCERN TEAM PRIOR TO THE INSTALLATION.
 - THE CONTRACTOR TO ENSURE CHILLED WATER PIPING SHALL BE CONFIRMING TO IS:1239 PART I CLASS 1: HEAVY AND FITTING SHALL BE CONFORMING TO ASTM A-105, 3000LBS SOCKET WELD END (UP TO 50MM) & 1S:1239 PART-II HEAVY/ASTM A-234 WPB, GR.B BUTT WELD FITTING (ABOVE 50NB PIPE SIZE).
 - THE CONTRACTOR TO ENSURE PIPING CONNECTION SHOULD BE SOCKET WELDED UP TO 50NB SIZE AND SHALL BE BUTT WELDED ABOVE 50NB PIPE SIZE. PIPE FLANGES SHOULD BE CONFIRMED TO ASTM A-105 # 150 SORF AND FLANGE DIMENSION SHOULD BE UNDER ASME/ANSI B 16.5 (150 SORF), FITTING TO FITTING WELDING IS NOT ALLOWED. NOZZLE CONNECTIONS/THREDOLETS/WELDOLETS ARE NOT ALLOWED BY PUNCTURING THE PIPE. ONLY EQUAL/UNEQUAL TEES SHALL BE USED FOR BRANCH CONNECTION FROM THE HEADER. SOCKET WELD END TEE SHOULD BE USED FOR BRANCH CONNECTION (UP-TO -50NB PIPE SIZE) W.R.T TO PRESSURE GAUGE/TEMPERATURE GAUGE/AIR VENT/DRAIN POINT ETC.
 - POST-INSTALLATION CLEARANCE BY DIAL, CHW PIPING SHALL BE TESTED @15KG/CM2 HYDROSTATICS PRESSURE FOR 24HRS HOLD TIME AND TESTING SHOULD BE WITNESSED TO THE DIAL TEAM.THERMAL INSULATION ON CHW AND CONDENSATE DRAIN PIPING LINE SHALL BE 25MM THICK. CLOSED CELL ANTIMICROBIAL CLASS 0: BS 476 AND PART 6 & 7 FM APPROVED NITRILE RUBBER ELASTOMERIC INSULATION THERMAL CONDUCTIVITY 0.033 WATTS PER METER-KELVIN (W/ (M K)) AT 0°C.
 - CONTRACTOR TO ENSURE CONDENSATE DRAIN PIPING SHALL BE COMPLYING WITH IS 4985 CLASS 3 UPVC PIPE. SOLVENT CEMENT COMPLYING WITH ASTM D2564 SHALL BE USED FOR JOINTS..
 - FOR CEILING SUSPENDED CHILLED WATER PIPE: PIPE SHOULD BE HANGED WITH THE ROD OF SIZE MINIMUM 10 MM DIA.
 - ALL SERVICE ELEVATIONS MARKED IN THE DRAWINGS ARE FROM 0.00 LVL (FINISHED FLOOR LEVEL).
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REV	DATE	DESCRIPTION	DRN CHK



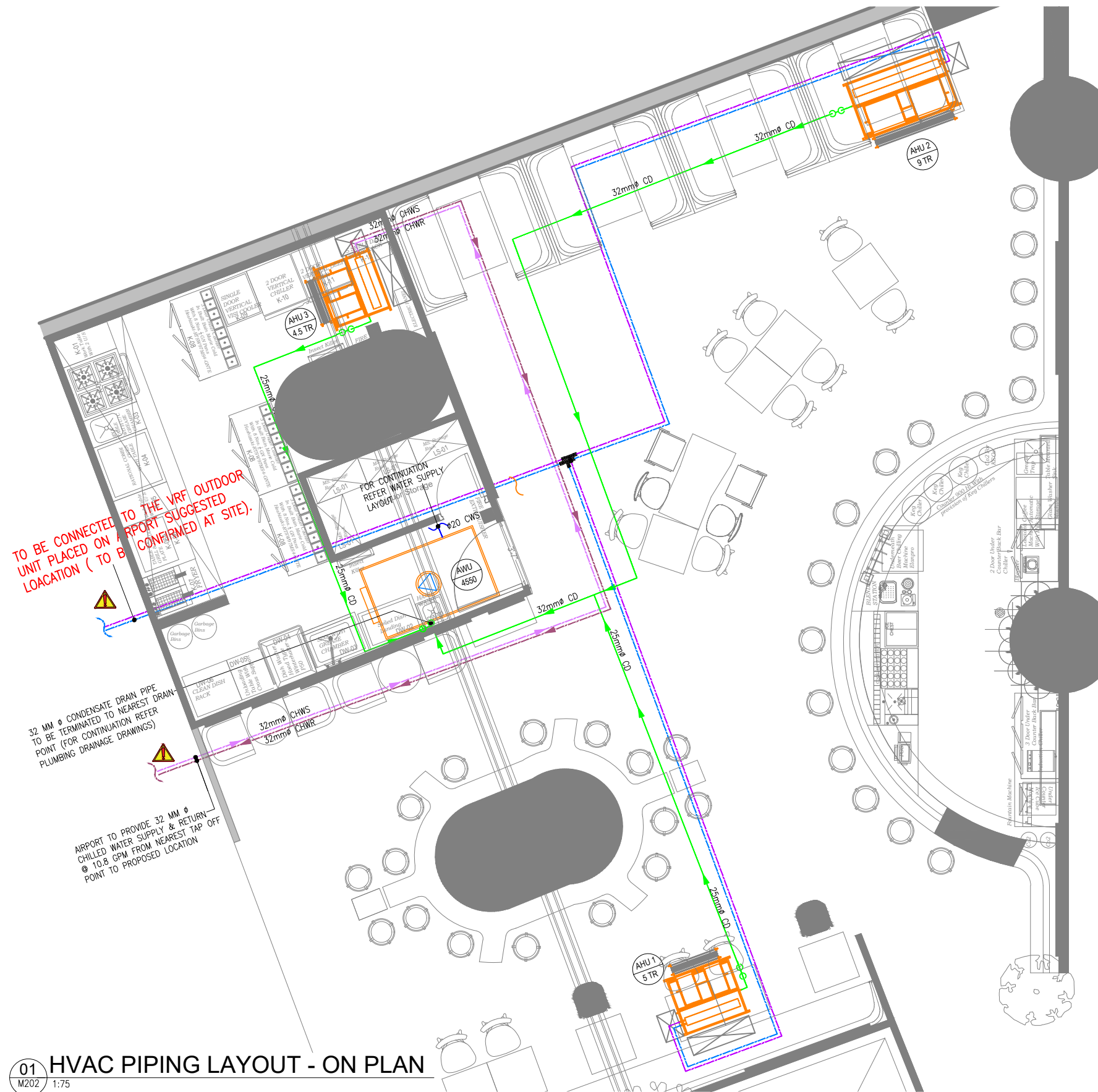
PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
HVAC PIPING LAYOUT
- ON RCP

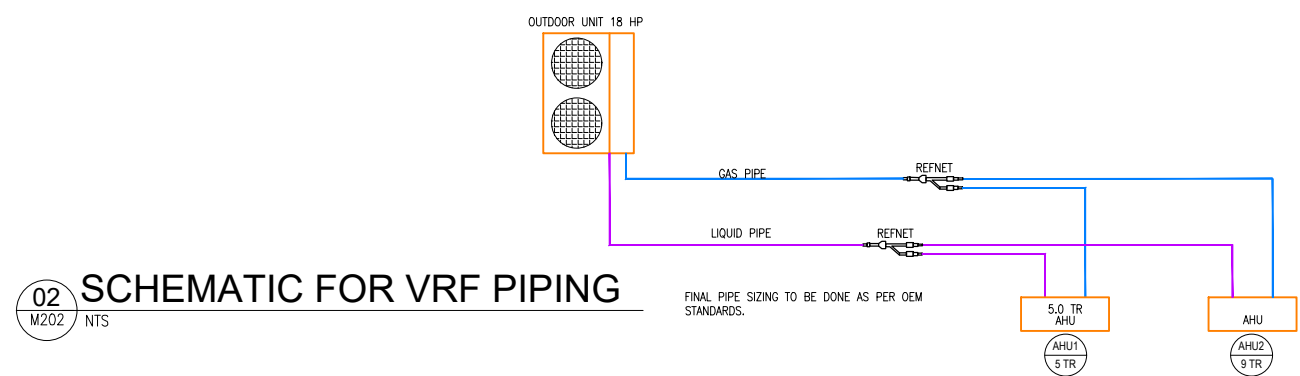
SCALE 1:75 DATE 07.03.2024 DRAWN SF A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX HVAC M201 T00



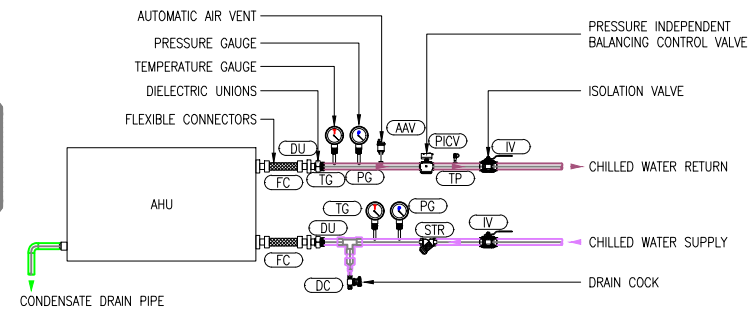
01 HVAC PIPING LAYOUT - ON PLAN
M202 1:75



02 SCHEMATIC FOR VRF PIPING
M202 NTS

FINAL PIPE SIZING TO BE DONE AS PER OEM STANDARDS.

TYPICAL DETAIL OF FCU CHILLED WATER PIPE CONNECTIONS



SYMBOL		DESCRIPTION
AAV		AUTOMATIC AIR VENT
DC		DRAIN COCK
DU		DIELECTRIC UNION
FC		FLEXIBLE CONNECTORS / FLEXIBLE METAL HOSE
IV		ISOLATION VALVE (BALL VALVE)
PICV		PRESSURE INDEPENDENT BALANCING CONTROL VALVE (PICV / PIBCV)
STR		Y TYPE STRAINER
PG		GLYCERINE FILLED PRESSURE GAUGE
TG		GLYCERINE FILLED TEMPERATURE GAUGE
		CHILLED WATER SUPPLY PIPE - INSULATED
		CHILLED WATER RETURN PIPE - INSULATED
		CONDENSATE DRAIN PIPE - INSULATED
		U-TRAP UT

NOTE:

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HVAC EQUIPMENT SCHEDULE

TAG	EQP TYPE	COOLING CAPACITY (TR)	AIR FLOW (CFM)	WATER FLOW (GPM)
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NOTE:

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- FITTINGS (INSULATION, VALVES, DAMPERS, TEMPERATURE & PRESSURE GAUGE, PIDV ETC. TECHNICAL DATA SHEET NEEDS TO BE FACILITATED AND GET APPROVED BY DIAL ENGINEERING CONCERN TEAM PRIOR TO THE INSTALLATION.
- THE CONTRACTOR TO ENSURE CHILLED WATER PIPING SHALL BE CONFIRMING TO IS:1239 PART I CLASS I: HEAVY AND FITTING SHALL BE CONFORMING TO ASTM A-105, 3000LBS SOCKET WELD END (UP TO 50MM) & 1S:1239 PART-II HEAVY/ASTM A-234 WPB, GR.B BUTT WELD FITTING (ABOVE 50NB PIPE SIZE).
- THE CONTRACTOR TO ENSURE PIPING CONNECTION SHOULD BE SOCKET WELDED UP TO 50NB SIZE AND SHALL BE BUTT WELDED ABOVE 50NB PIPE SIZE. PIPE FLANGES SHOULD BE CONFIRMED TO ASTM A-105 # 150 SORF AND FLANGE DIMENSION SHOULD BE UNDER ASME/ANSI B 16.5 (150 SORF), FITTING TO FITTING WELDING IS NOT ALLOWED. NOZZLE CONNECTIONS/THREDOLETS/WELDOLETS ARE NOT ALLOWED BY PUNCTURING THE PIPE. ONLY EQUAL/UNEQUAL TEES SHALL BE USED FOR BRANCH CONNECTION FROM THE HEADER. SOCKET WELD END TEE SHOULD BE USED FOR BRANCH CONNECTION (UP-TO -50NB PIPE SIZE) W.R.T TO PRESSURE GAUGE/TEMPERATURE GAUGE/AIR VENT/DRAIN POINT ETC.
- POST-INSTALLATION CLEARANCE BY DIAL, CHW PIPING SHALL BE TESTED @15KG/CM2 HYDROSTATICS PRESSURE FOR 24HRS HOLD TIME AND TESTING SHOULD BE WITNESSED TO THE DIAL TEAM.THERMAL INSULATION ON CHW AND CONDENSATE DRAIN PIPING LINE SHALL BE 25MM THICK. CLOSED CELL ANTIMICROBIAL CLASS I: BS 476 AND PART 6 & 7 FM APPROVED NITRILE RUBBER ELASTOMERIC INSULATION THERMAL CONDUCTIVITY 0.033 WATTS PER METER-KELVIN (W/ (M K)) AT 0°C.
- CONTRACTOR TO ENSURE CONDENSATE DRAIN PIPING SHALL BE COMPLYING WITH IS 4985 CLASS 3 UPVC PIPE. SOLVENT CEMENT COMPLYING WITH ASTM D2564 SHALL BE USED FOR JOINTS..
- FOR CEILING SUSPENDED CHILLED WATER PIPE: PIPE SHOULD BE HANGED WITH THE ROD OF SIZE MINIMUM 10 MM DIA.
- ALL SERVICE ELEVATIONS MARKED IN THE DRAWINGS ARE FROM 0.00 LVL (FINISHED FLOOR LEVEL).
- FINAL STRUCTURAL DESIGN AND CALCULATIONS TO BE FINALIZED BY STRUCTURAL DESIGN ENGINEER.

ALL DIMENSIONS MUST BE CHECKED ON SITE INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

NOTES: IRRESPECTIVE OF THE DRAWING(S), IT IS THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY THAT SHALL BE EXECUTED AND COMPLETED IN ACCORDANCE TO THE SPECIFICATION, DRAWING(S) AS WELL AS REQUIREMENT. THE SAID DRAWING(S) SHALL NOT RELIEVE CONTRACTOR FROM ANY OBLIGATION UNDER THE CONTRACT AND IN PARTICULAR FROM ITS RESPONSIBILITY IN RELATION TO THE INSTALLATION MATERIALS AND WORKMANSHIP AND WHERE RELEVANT FROM A DUTY TO SEEK APPROVAL FROM THE COMPETENT AUTHORITY.

REV	DATE	DESCRIPTION	SF	RR	DRN	CHK
T00	07.03.24	ISSUED FOR TENDER				



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
HVAC PIPING LAYOUT
- ON PLAN

SCALE 1:75 DATE 07.03.2024 DRAWN SF A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX HVAC M202T00

PROJECT / BUILDING NAME :	IRISH HOUSE @ DELHI AIRPORT
FED FROM :	AIRPORT DISTRIBUTION FEEDER

ALL DIMENSIONS MUST BE CHECKED ON SITE.
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

DISTRIBUTION BOARD / REF :	SMDB	DB AREA REFERENCE :	
MAIN INCOMING CABLE :	4C x 95 SQ.MM XLPE SWA PVC CU. CABLE+ 1C x 50 SQ.MM ECC (FRLSH / LSZH)	DOCUMENT NO. :	

NOTES:
IRRESPECTIVE OF THE DRAWING(S), IT IS THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY THAT SHALL BE EXECUTED AND COMPLETED IN ACCORDANCE TO THE SPECIFICATION, DRAWING(S) AS WELL AS REQUIREMENT. THE SAID DRAWING(S) SHALL NOT RELIEVE CONTRACTOR FROM ANY OBLIGATION UNDER THE CONTRACT AND IN PARTICULAR FROM ITS RESPONSIBILITY IN RELATION TO THE INSTALLATION MATERIALS AND WORKMANSHIP AND WHERE RELEVANT FROM A DUTY TO SEEK APPROVAL FROM THE COMPETENT AUTHORITY.

MAIN INCOMER RATING (A)	CIRCUIT ID	BREAKER TYPE	BREAKER RATING (A)	WIRE SIZE (PH & N) (mm ²)	WIRE SIZE (EARTH) (mm ²)	EQUIP. CODE	CIRCUIT NAME / POINT REFERENCE	SOCKET RATING (A)	NUMBER OF POINTS	CONN. LOAD / POINT (W)	DIVERSITY TYPE	DIVERSITY FACTOR	R	Y	B	TOTAL CONN. LOAD (kW)	TOTAL DIVERSITY LOAD (kW)	REMARKS
250A 4P MCCB	RYB1	TP MCB	125	35	16	-	LPDB	-	1	58883	PWR	0.65	19.69	19.90	19.10	58.68	38.13	
	RYB2	4P RCBO	63	16	16	K-02	4 BURNER COOKING RANGE WITH OVEN BELOW(ELECTRIC)	63A	1	22000	PWR	0.50	7.33	7.33	7.33	22.00	11.00	3 PH INDUSTRIAL SOCKET
	RYB3	4P RCBO	32	6	6	K-04A	RATIONAL COMBI OVEN	32A	1	11000	PWR	0.50	3.67	3.67	3.67	11.00	5.50	3 PH INDUSTRIAL SOCKET
	RYB4	4P RCBO	32	6	6	DW-04	DISH WASH MACHINE	32A	1	12000	PWR	0.50	4.00	4.00	4.00	12.00	6.00	3 PH INDUSTRIAL SOCKET
	RYB5	4P RCBO	63	16	16	-	VRF	63A	1	21400	PWR	1.00	7.13	7.13	7.13	21.40	21.40	TO BE INTERFACED WITH FA SYSTEM
	RYB6	4P RCBO	20	4	4	-	KITCHEN EXTRACT FAN	20A	1	2200	PWR	1.00	0.73	0.73	0.73	2.20	2.20	TO BE INTERFACED WITH FA SYSTEM
	RYB7	4P RCBO	20	4	4	-	AIR WASHER	20A	1	4000	PWR	1.00	1.33	1.33	1.33	4.00	4.00	TO BE INTERFACED WITH FA SYSTEM
	RYB8	4P RCBO	32	-	-	-	SPARE	-	1	500	PWR	1.00	0.17	0.17	0.17	0.50	0.50	-
	RYB9	4P RCBO	-	-	-	-	SPACE	-	1	200	PWR	0.50	0.07	0.07	0.07	0.20	0.10	-
	R10	4P RCBO	16	4	2.5	-	ESP	16A	1	150	PWR	1.00	0.15			0.15	0.15	TO BE INTERFACED WITH FA SYSTEM
	Y10	2P RCBO	20	-	-	-	SPARE		1	500	PWR		0.50	0.50		1.00	0.00	TO BE INTERFACED WITH FA SYSTEM
B10	2P RCBO	20	4	2.5	-	AIR HANDLING UNIT -3	20A	1	2200	PWR	1.00			2.20	2.20	2.20	-	
												SMDB	44.77	44.83	45.73	135.33	91.18	
													TCL - R	TCL - Y	TCL - B	TCL	TDL	

ABBREVIATIONS : PWR - POWER, LTG - LIGHTING, UPS - UNINTERRUPTIBLE POWER SUPPLY, A - AMPS, W - WATTS, kW - KILOWATT, 1R - ONE RUN, 4C - FOUR CORE, 2C - TWO CORE, CU. - COPPER, ECC - EARTH CONTINUITY CONDUCTOR, CONN. - CONNECTED

TOTAL CONNECTED LOAD	135.33	SMDB	TCL (kW)
TOTAL DEMAND LOAD	91.18	SMDB	TDL (kW)
AVERAGE DIVERSITY FACTOR	67%	SMDB	(%)

DISTRIBUTION BOARD / REF :	UPS DB (FED FROM LPDB)	DB AREA REFERENCE :	KITCHEN AREA
MAIN INCOMING CABLE :	2 x 1C x 4 SQ.MM FRLS/LSZH CU. CABLE + 1C x 4 SQ.MM ECC	DOCUMENT NO. :	

MAIN INCOMER RATING (A)	CIRCUIT ID	BREAKER TYPE	BREAKER RATING (A)	WIRE SIZE (PH & N) (mm ²)	WIRE SIZE (EARTH) (mm ²)	EQUIP. CODE	CIRCUIT NAME / POINT REFERENCE	SOCKET RATING (A)	NUMBER OF POINTS	CONN. LOAD / POINT (W)	DIVERSITY TYPE	DIVERSITY FACTOR	R	Y	B	TOTAL CONN. LOAD (kW)	TOTAL DIVERSITY LOAD (kW)	REMARKS
125A 4P 30 mA RCBO	C1	MCB	10	4	2.5	-	PENDANT LIGHT + EXT LIGHT + 600 x 600mm LED PANEL LIGHT		19	383	LTG	1		0.38		0.38	0.38	
	C2	MCB	16	4	2.5	EQ-06	POS MACHINE	13A	4	200	PWR	1		0.80		0.80	0.80	
	C3	MCB	16	4	2.5	EQ-07	IDF RACK	13A	1	300	PWR	1		0.30		0.30	0.30	
	C4	MCB					SPACE							0.00		0.00	0.00	
												UPS DB	0.00	1.48	0.00	1.48	1.48	
													TCL - R	TCL - Y	TCL - B	TCL	TDL	

ABBREVIATIONS : PWR - POWER, LTG - LIGHTING, UPS - UNINTERRUPTIBLE POWER SUPPLY, A - AMPS, W - WATTS, kW - KILOWATT, 1R - ONE RUN, 4C - FOUR CORE, 2C - TWO CORE, CU. - COPPER, ECC - EARTH CONTINUITY CONDUCTOR, CONN. - CONNECTED

TOTAL CONNECTED LOAD	58.68	LPDB + UPS DB	TCL (kW)
TOTAL DEMAND LOAD	38.13	LPDB + UPS DB	TDL (kW)
AVERAGE DIVERSITY FACTOR	65%	LPDB + UPS DB	(%)

TOTAL CONNECTED LOAD	135.33	SMDB + LPDB + UPS DB	TCL (kW)
TOTAL DEMAND LOAD	91.18	SMDB + LPDB + UPS DB	TDL (kW)
AVERAGE DIVERSITY FACTOR	67%	SMDB + LPDB + UPS DB	(%)

T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
LOAD CALCULATION SHEET
SHEET 1 OF 2
SMDB & UPS DB

SCALE NTS DATE 07.03.24 DRAWN AK A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 ELEC E101 T00

PROJECT / BUILDING NAME :		IRISH HOUSE @ DELHI AIRPORT																
FED FROM :		SMDB																
DISTRIBUTION BOARD / REF :							LPDB (FED FROM SMDB)							DB AREA REFERENCE :				
MAIN INCOMING CABLE :							4C x 35 SQ.MM XLPE SWA PVC CU. CABLE+ 1C x 16 SQ.MM ECC							DOCUMENT NO. :				
MAIN INCOMER RATING (A)	CIRCUIT ID	BREAKER TYPE	BREAKER RATING (A)	WIRE SIZE (PH & N) (mm ²)	WIRE SIZE (EARTH) (mm ²)	EQUIP. TAG	CIRCUIT NAME / POINT REFERENCE	SOCKET RATING (A)	NUMBER OF POINTS	CONN. LOAD / POINT (W)	DIVERSITY TYPE	DIVERSITY FACTOR	R	Y	B	TOTAL CONN. LOAD (KW)	TOTAL DIVERSITY LOAD (KW)	REMARKS
	R1	MCB	10	2.5	1.5	-	PENDANT LIGHT + CEILING SPOT LIGHT	-	36	655	LTG	1	0.66			0.66	0.66	-
	Y1	MCB	10	2.5	1.5	-	WALL LIGHT	-	18	216	LTG	1		0.22		0.22	0.22	-
	B1	MCB	10	2.5	1.5	-	PENDANT LIGHT + CEILING SPOT LIGHT	-	36	645	LTG	1			0.65	0.65	0.65	-
	R2	MCB	10	2.5	1.5	-	LED STRIP LIGHT + SIGNAGE LIGHT (3NOS)	-	4	684	LTG	1	0.68			0.68	0.68	-
	Y2	MCB	10	2.5	1.5	-	SKY LIGHT	-	1	1000	LTG	1		1.00		1.00	1.00	-
	B2	MCB	10	2.5	1.5	-	600 x 600mm LED PANEL LIGHT	-	5	180	PWR	1			0.90	0.90	0.90	-
	R3	MCB	16	4	2.5	-	IMPRESARIO-1	16A	1	500	PWR	1	0.50			0.50	0.50	-
	Y3	MCB	16	4	2.5	-	IMPRESARIO-2	16A	1	500	PWR	1		0.50		0.50	0.50	-
	B3	MCB	16	4	2.5	-	IMPRESARIO-3	16A	1	500	PWR	1			0.50	0.50	0.50	-
	R4	MCB	63	10	6	K-06A	TABLE TOP GRILL & GRIDDLE PLATE	63A	1	8800	PWR	0.5	8.80			8.80	4.40	-
	Y4	MCB	40	10	6	K-07	FREE STRANDING DOUBLE BASKET DEEP FAT FRYER	32A	1	6000	PWR	0.5		6.00		6.00	3.00	-
	B4	MCB	16	4	2.5	K-08 (1)	2 DOOR U/C RAISED BAIN MARIE REFRIGERATOR	16A	1	1000	PWR	1			1.00	1.00	1.00	-
	R5	MCB	16	4	2.5	K-08 (2)	2 DOOR U/C RAISED BAIN MARIE REFRIGERATOR	16A	1	1000	PWR	1	1.00			1.00	1.00	-
	Y5	MCB	16	4	2.5	K-08 (3)	2 DOOR U/C RAISED BAIN MARIE REFRIGERATOR	16A	1	1000	PWR	1		1.00		1.00	1.00	-
	B5	MCB	20	4	2.5	K-08B	SALAMANDER	20A	1	2800	PWR	0.5			2.80	2.80	1.40	-
	R6	MCB	16	4	2.5	K-09	SINGLE DOOR VERTICAL VISI COOLER	16A	1	1000	PWR	1	1.00			1.00	1.00	-
	Y6	MCB	16	4	2.5	K-08A	MICRO OVEN	16A	1	1500	PWR	0.5		1.50		1.50	0.75	-
	B6	MCB	16	4	2.5	K-10	2 DOOR VERTICAL CHILLER	16A	1	1000	PWR	1			1.00	1.00	1.00	-
	R7	MCB	16	4	2.5	K-11	2 DOOR VERTICAL DEEP FREEZER	16A	1	1000	PWR	1	1.00			1.00	1.00	-
	Y7	MCB	20	4	2.5	DW-07	INSECT KILLER	13A	2	500	PWR	1		1.00		1.00	1.00	RADIAL CKT
	B7	MCB	16	4	2.5	BA-03B	BLENDER	16A	1	1000	PWR	0.5			1.00	1.00	0.50	-
	R8	MCB	16	4	2.5	BA-03C	TABLE TOP ICE CRUSHER MACHINE	16A	1	1000	PWR	0.5	1.00			1.00	0.50	-
	Y8	MCB	16	4	2.5	BA-04A	U/C BEER CHILLING MACHINE	16A	1	1000	PWR	1		1.00		1.00	1.00	-
	B8	MCB	32	6	4	BA-06C	U/C GLASS WASH MACHINE	32A	1	6000	PWR	0.5			6.00	6.00	3.00	-
	R9	MCB	16	4	2.5	BA-06D	TABLE TOP COFFEE MACHINE WITH MILK BOILER	20A	1	1300	PWR	0.5	1.30			1.30	0.65	-
	Y9	MCB	16	4	2.5	BA-07	BACK BAR COOLER	16A	1	1000	PWR	1		1.00		1.00	1.00	-
	B9	MCB	16	4	2.5	BA-08	SINGLE DOOR VERTICAL VISI COOLER	16A	1	1000	PWR	1			1.00	1.00	1.00	-
	R10	MCB	16	4	2.5	BA-10A	U/C ICE CUBE MACHINE	13A	1	500	PWR	1	0.50			0.50	0.50	-
	Y10	MCB	16	4	2.5	BA-10B	TABLE TOP FOUNTAIN MACHINE WITH BAR GUN	16A	1	1000	PWR	0.5		1.00		1.00	0.50	-
	B10	MCB	20	4	2.5	EQ-01	RO PLANT (BAR AREA)	6/16A	1	350	PWR	0.5			0.35	0.35	0.18	RADIAL CKT
	R11	MCB	16	4	2.5	EQ-01	RO PLANT (KITCHEN AREA)	6/16A	1	350	PWR	0.5	0.35			0.35	0.18	RADIAL CKT
	Y11	MCB	20	4	2.5	EQ-02	WATER HEATER (BOH)	20A	1	2000	PWR	0.5		2.00		2.00	1.00	-
	B11	MCB	16	4	2.5	EQ-03	WATER METER	6/16A	1	200	PWR	0.5			0.20	0.20	0.10	RADIAL CKT
	R12	MCB	16	4	2.5	SP-01	6/16A SPARE SOCKET (KITCHEN AREA)	6/16A	5	100	PWR	0.5	0.50			0.50	0.25	RADIAL CKT
	Y12	MCB	20	4	2.5	SP02	20A SPARE SOCKET (KITCHEN AREA)	20A	1	200	PWR	0.5		0.20		0.20	0.10	-
	B12	MCB	16	4	2.5	SP-01	13A SPARE SOCKET (BAR AREA)	6/16A	4	100	PWR	0.5			0.40	0.40	0.20	RADIAL CKT
	R13	MCB	20	4	2.5	SP-02	20A SPARE SOCKET (BAR AREA)	20A	1	200	PWR	0.5	0.20			0.20	0.10	-
	Y13	MCB	32A	2 x 4	2 x 2.5	SP-03	GENERAL SOCKET	6/16A	10	100	PWR	0.5		1.00		1.00	0.50	RING CKT
	B13	MCB	32A	2 x 4	2 x 2.5	SP-03	GENERAL SOCKET (6NOS) + TV	6/16A	10	100	PWR	0.5			1.00	1.00	0.50	RING CKT
	R14	MCB	32A	2 x 4	2 x 2.5	SP-03	GENERAL SOCKET	6/16A	10	100	PWR	0.5	1.00			1.00	0.50	RING CKT
	Y14	MCB	32A	2 x 4	2 x 2.5	SP-03	GENERAL SOCKET	6/16A	8	100	PWR	0.5		0.80		0.80	0.40	RING CKT
	B14	MCB	32A	3 x 4	3 x 2.5	SP-03	GENERAL SOCKET	6/16A	10	100	PWR	0.5			1.00	1.00	0.50	-
	R15	MCB	32A	4 x 4	4 x 2.5	SP-03	GENERAL SOCKET (6NOS) + TV +PROJECTOR	6/16A	10	100	PWR	0.5	1.00			1.00	0.50	-
	Y15	MCB	20	4	2.5	-	UPS (UPS DB)	-	1	1483	PWR	1		1.48		1.48	1.48	-
	B15	MCB	20	4	2.5	-	TV	6/16A	4	200	PWR	0.5			0.80	0.80	0.40	-
	R16	MCB	16	4	2.5	EQ-04	BTU METER	-	1	200	PWR	0.5	0.20			0.20	0.10	-
	Y16	MCB	16	-	-	-	SPARE	-	1	200	PWR	0.5		0.20		0.20	0.10	-
	B16	MCB	16	-	-	-	SPARE	-	1	500	PWR	0.5			0.50	0.50	0.25	-
												LPDB	19.69	19.90	19.10	58.68	38.13	
													TCL - R	TCL - Y	TCL - B	TCL	TDL	

ABBREVIATIONS : PWR - POWER, LTG - LIGHTING, UPS - UNINTERRUPTIBLE POWER SUPPLY, A - AMPS, W - WATTS, KW - KILOWATT, 1R - ONE RUN, 4C - FOUR CORE, 2C - TWO CORE, CU. - COPPER, ECC - EARTH CONTINUITY CONDUCTOR, CONN. - CONNECTED

ALL DIMENSIONS MUST BE CHECKED ON SITE.
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

NOTES:
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T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
LOAD CALCULATION SHEET
SHEET 2 OF 2
LPDB

SCALE NTS DATE 07.03.24 DRAWN AK A3 SHEET

STATUS

TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV

TFS 0000 ELEC E102 T00

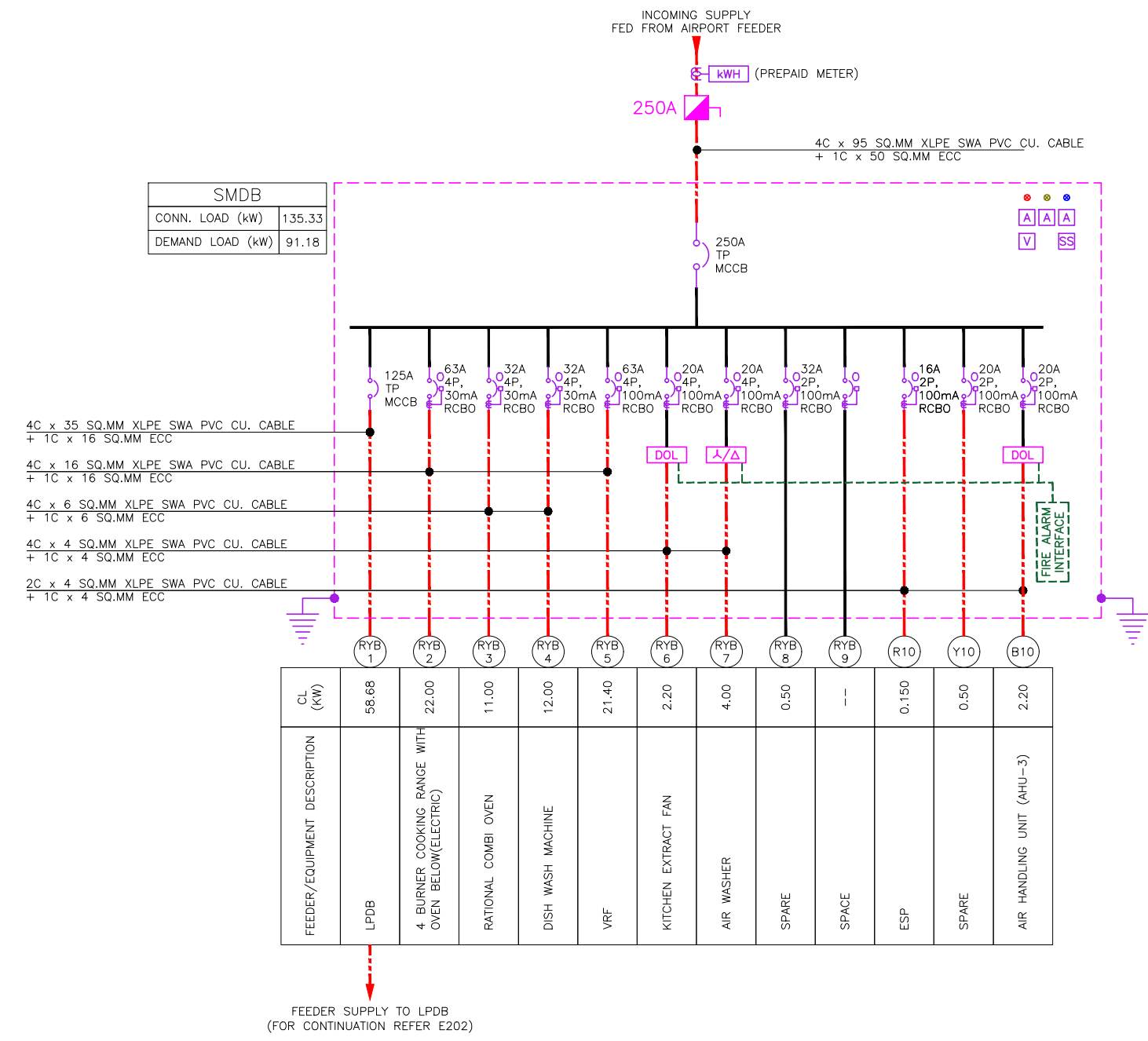
ELECTRICAL LOW VOLTAGE SYSTEM LEGEND		
SYMBOL	DESCRIPTION	QTY
	MCCB (MOULDED CASE CIRCUIT BREAKER)	00
	MCB (MINIATURE CIRCUIT BREAKER)	00
	RCBO (RESIDUAL CURRENT CIRCUIT BREAKER WITH OVER CURRENT & SHORT CIRCUIT PROTECTION)	00
	VOLTMETER	00
	VOLTAGE SELECTOR SWITCH	00
	AMMETER	00
	ENERGY METER - CT TYPE (PREPAID METER)	00
	EARTH CONNECTION	00
	RYB INDICATOR LAMPS	00
	DIRECT ONLINE STARTER (D.O.L.)	00
	STAR / DELTA STARTER	00
	THREE PHASE ISOLATOR	00
	ELECTRICAL CABLE	00

NOTES

- CONTRACTOR TO CHECK & CONFIRM ACTUAL SITE CONDITIONS PRIOR TO START DEVELOPING THEIR SHOP DRAWINGS & WORK AT SITE.
- LAMINATED SINGLE LINE DIAGRAM & LOAD CALCULATION SHEET TO BE PROVIDED INSIDE / NEAR TO EACH ELECTRICAL PANEL / DB'S.
- ALL CABLES & WIRES MUST BE FRLSH/LSZH.
- GI CONDUITS WITH SUITABLE DIAMETER TO BE USED.
- AUTOMATIC FIRE SUPPRESSION SYSTEM TO BE PROVIDED FOR ELECTRICAL PANELS ACCORDING TO FIRE CODE / DIAL TENENT DESIGN MANUAL.
- POWER FOR HVAC EQUIPMENTS TO BE SHUT DOWN DURING FIRE SITUATION BY INTERFACING WITH FACP.

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NOTES:
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SMDB	
CONN. LOAD (kW)	135.33
DEMAND LOAD (kW)	91.18

FEEDER/EQUIPMENT DESCRIPTION	CL (kW)
LPDB	58.68
4 BURNER COOKING RANGE WITH OVEN BELOW(ELECTRIC)	22.00
RATIONAL COMBI OVEN	11.00
DISH WASH MACHINE	12.00
VRF	21.40
KITCHEN EXTRACT FAN	2.20
AIR WASHER	4.00
SPARE	0.50
SPACE	-
ESP	0.150
SPARE	0.50
AIR HANDLING UNIT (AHU-3)	2.20

T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
ELECTRICAL SLD
SHEET 1 OF 2

SCALE NTS DATE 07.03.24 DRAWN AK A3 SHEET

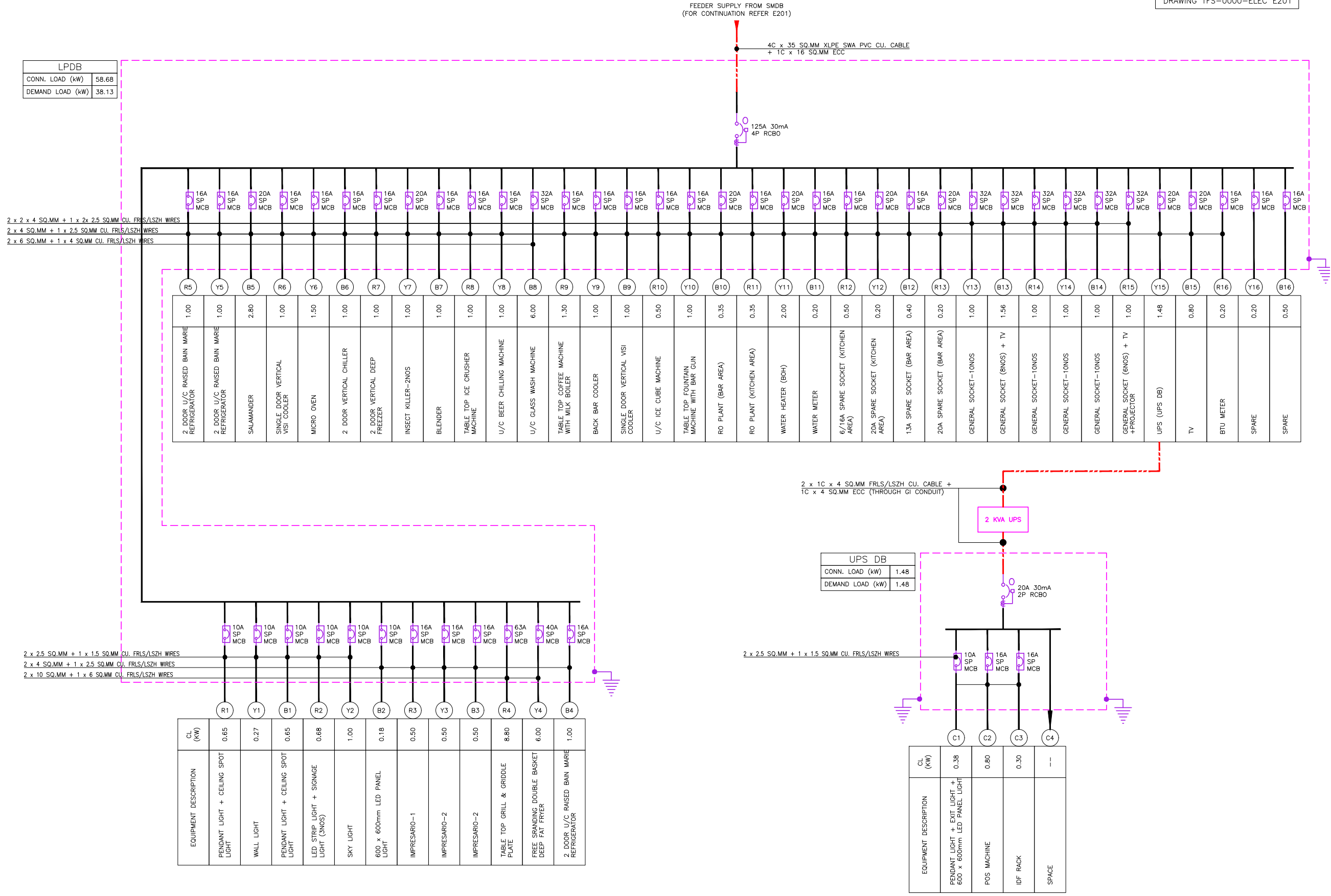
STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 ELEC E201 T00

ALL DIMENSIONS MUST BE CHECKED ON SITE.
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

NOTES:
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FOR LEGENDS & NOTES REFER
DRAWING TFS-0000-ELEC E201



LPDB	
CONN. LOAD (kW)	58.68
DEMAND LOAD (kW)	38.13

2 x 1C x 4 SQ.MM FRLS/LSZH CU. CABLE +
1C x 4 SQ.MM ECC (THROUGH GI CONDUIT)

UPS DB	
CONN. LOAD (kW)	1.48
DEMAND LOAD (kW)	1.48

EQUIPMENT DESCRIPTION	CL (kW)
PENDANT LIGHT + EXIT LIGHT + 600 x 600mm LED PANEL LIGHT	0.38
POS MACHINE	0.80
IDF RACK	0.30
SPACE	--

EQUIPMENT DESCRIPTION	CL (kW)
PENDANT LIGHT + CEILING SPOT LIGHT	0.65
WALL LIGHT	0.27
PENDANT LIGHT + CEILING SPOT LIGHT	0.65
LED STRIP LIGHT + SIGNAGE LIGHT (3NOS)	0.88
SKY LIGHT	1.00
600 x 600mm LED PANEL LIGHT	0.18
IMPRESARIO-1	0.50
IMPRESARIO-2	0.50
IMPRESARIO-2	0.50
TABLE TOP GRILL & GRIDDLE PLANE	8.80
FREE SPANDING DOUBLE BASKET DEEP FAT FRYER	6.00
2 DOOR U/C RAISED BAIN MARIE REFRIGERATOR	1.00

T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
ELECTRICAL SLD
SHEET 2 OF 2

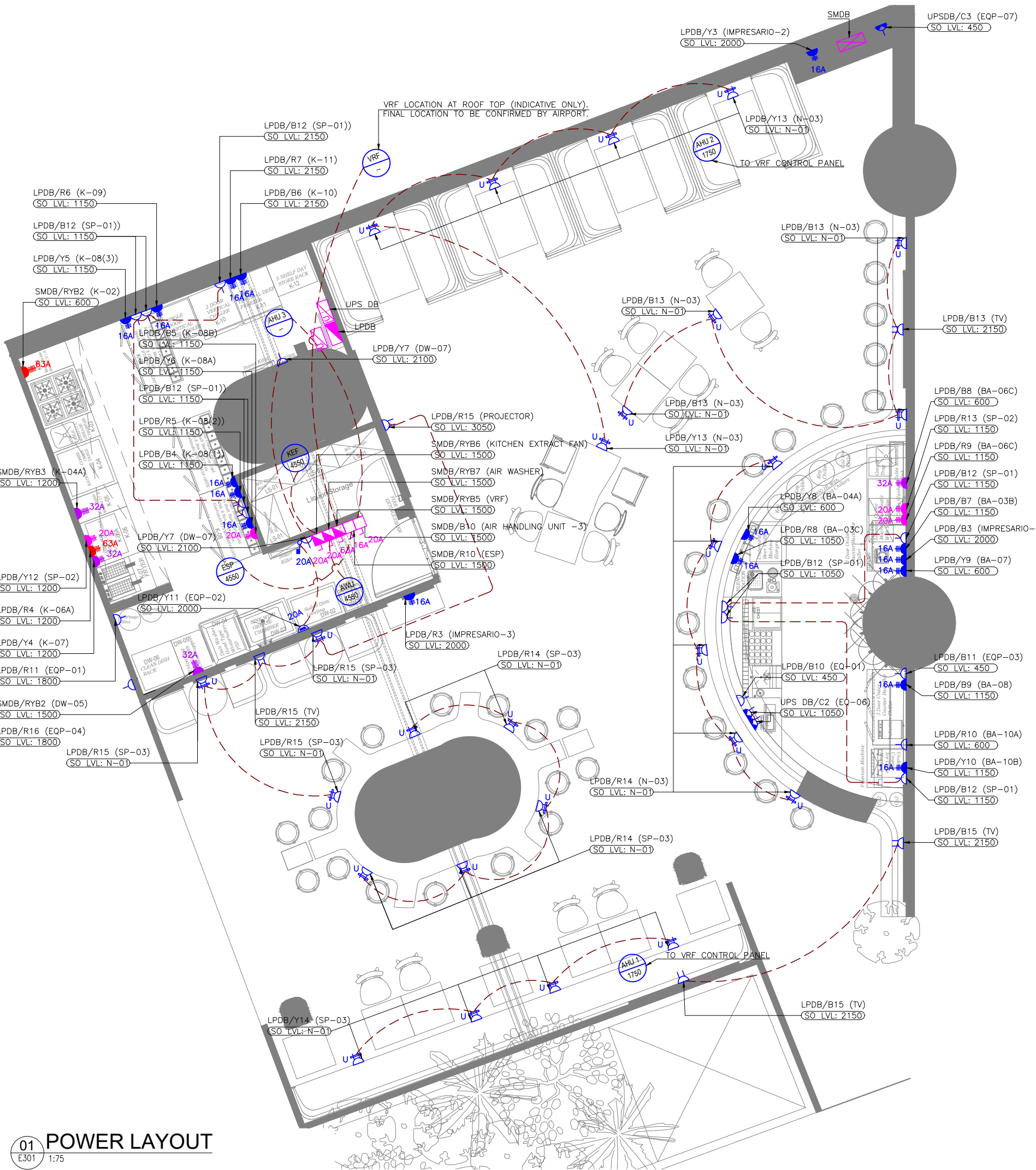
SCALE NTS DATE 07.03.24 DRAWN AK A3 SHEET

STATUS

TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV

TFS 0000 ELEC E202 T00



ELECTRICAL SYSTEM LEGEND		
SYMBOL	DESCRIPTION	QTY
	6/16A SINGLE SWITCHED SOCKET OUTLET	16
	6/16A DUAL SWITCHED SOCKET OUTLET	05
	6/16A DUAL SWITCHED SOCKET OUTLET (UPS POWER)	02
	6/16A SINGLE SWITCHED SOCKET OUTLET (UPS POWER)	01
	6/16A DUAL SWITCHED UNIVERSAL SOCKET OUTLET + DUAL USB PORT	26
	SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN) (WALL MOUNTED)	16
	SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN) (WALL MOUNTED)	04
	SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN) (WALL MOUNTED)	02
	SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN) (WALL MOUNTED)	01
	THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN) (WALL MOUNTED)	02
	THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN) (WALL MOUNTED)	01
	UNSWITCHED FUSED CONNECTION OUTLET WITH-OUT NEON INDICATOR	01
	DOUBLE POLE SWITCH WITH NEON INDICATOR	01
	SINGLE PHASE ISOLATOR	01
	SINGLE PHASE ISOLATOR	01
	THREE PHASE ISOLATOR	02
	THREE PHASE ISOLATOR	01
	UPS DISTRIBUTION BOARD (SINGLE PHASE)	01
	SUB MAIN DISTRIBUTION BOARD (SMDB)	01
	DISTRIBUTION BOARD (THREE PHASE)	01
	UNINTERRUPTIBLE POWER SUPPLY (IN-BUILT BATTERY)	01
	ELECTRICAL POWER CIRCUIT	--

NOTES

- ALL DIMENSIONS & LEVEL ARE IN "MM" OR OTHERWISE SPECIFIED. LEVELS MARKED ARE FROM 0.00 FFL.
- SOCKETS PROVIDED NEAR WET AREAS SHALL BE AT LEAST 1.2 MTR AWAY FROM WATER SOURCE AND IP66 RATED.
- A DISTANCE OF MINIMUM 300MM TO BE MAINTAINED BETWEEN POWER AND ELV SYSTEM / COMMUNICATION CABLES.
- ALL CIRCUITS IN DB ARE TO BE TAGGED. MCB/MCCB IS TO BE LABELED & LAMINATED SLD TO BE PLACED NEAR TO ELECTRICAL PANELS.
- SOCKET ELEVATIONS SHOWN IN THE DRAWING IS DESIGN INDICATIVE. THE CONTRACTOR NEEDS TO FIELD VERIFY AT THE SITE AND INTEGRATE IT TO MATCH WITH THE ID DESIGN & ACTUAL EQUIPMENT REQUIREMENTS.
- SHUTTER TYPE SWITCH SOCKET OUTLET ON SUITABLE MS BOX SHALL BE USED WITH PROPER EARTHING.
- ALL ELECTRICAL EQUIPMENT SHALL BE PROPER EARTHED AND CONNECTED TO MAIN EARTHING WITH SUITABLY SIZED EARTHING CONDUCTOR.
- ALL SWITCH / SOCKET / DATA OUTLET PLATE COLOUR / FINISH TO BE MATCH WITH ARCHITECTURAL LAYOUT & ARCHITECT APPROVAL TO BE TAKEN PRIOR TO PRODUCT PROCUREMENT.
- ALL CABLES & WIRES TO BE FRLSH/FRLSZH.

NOTE:

- N-01: SOCKET FIXING TO BE COORDINATE WITH LOOSE FURNITURE.
- N-02: SOCKET OUTLETS TO BE ABOVE CEILING

ALL DIMENSIONS MUST BE CHECKED ON SITE
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

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EQUIPMENT LIST	
TAG NO	EQUIPMENT
K-02	4 BURNER COOKING RANGE
K-04A	RATIONAL COMBI OVEN
DW-04	DISH WASH MACHINE
K-06A	TABLE TOP GRILL & GRIDDLE PLATE
K-07	FREE STRANDING DOUBLE BASKET DEEP FAT FRYER
K-08	2 DOOR U/C RAISED BAIN MARIE REFRIGERATOR
K-08B	SALAMANDER
K-09	SINGLE DOOR VERTICAL VISI COOLER
K-08A	MICRO OVEN
K-10	2 DOOR VERTICAL CHILLER
K-11	2 DOOR VERTICAL DEEP FREEZER
DW-07	INSECT KILLER
BA-03B	BLENDER
BA-03C	TABLE TOP ICE CRUSHER MACHINE
BA-04A	U/C BEER CHILLING MACHINE
BA-06C	U/C GLASS WASH MACHINE
BA-06D	TABLE TOP COFFEE MACHINE WITH MILK BOILER
BA-07	BACK BAR COOLER
BA-08	SINGLE DOOR VERTICAL VISI COOLER
BA-10A	U/C ICE CUBE MACHINE
BA-10B	TABLE TOP FOUNTAIN MACHINE WITH BAR GUN
EQP-01	RO PLANT
EQP-02	WATER HEATER (BOH)
EQP-03	BTU METER
EQP-04	WATER METER (BOH)
EQP-06	POS MACHINE
EQP-07	IDF RACK
SP-01	6/16A SPARE SOCKET
SP-02	20A SPARE SOCKET
SP-03	GENERAL SOCKET

REV	DATE	DESCRIPTION	AK	VJ	DRN	CHK
00	07.03.24	ISSUED FOR TENDER				



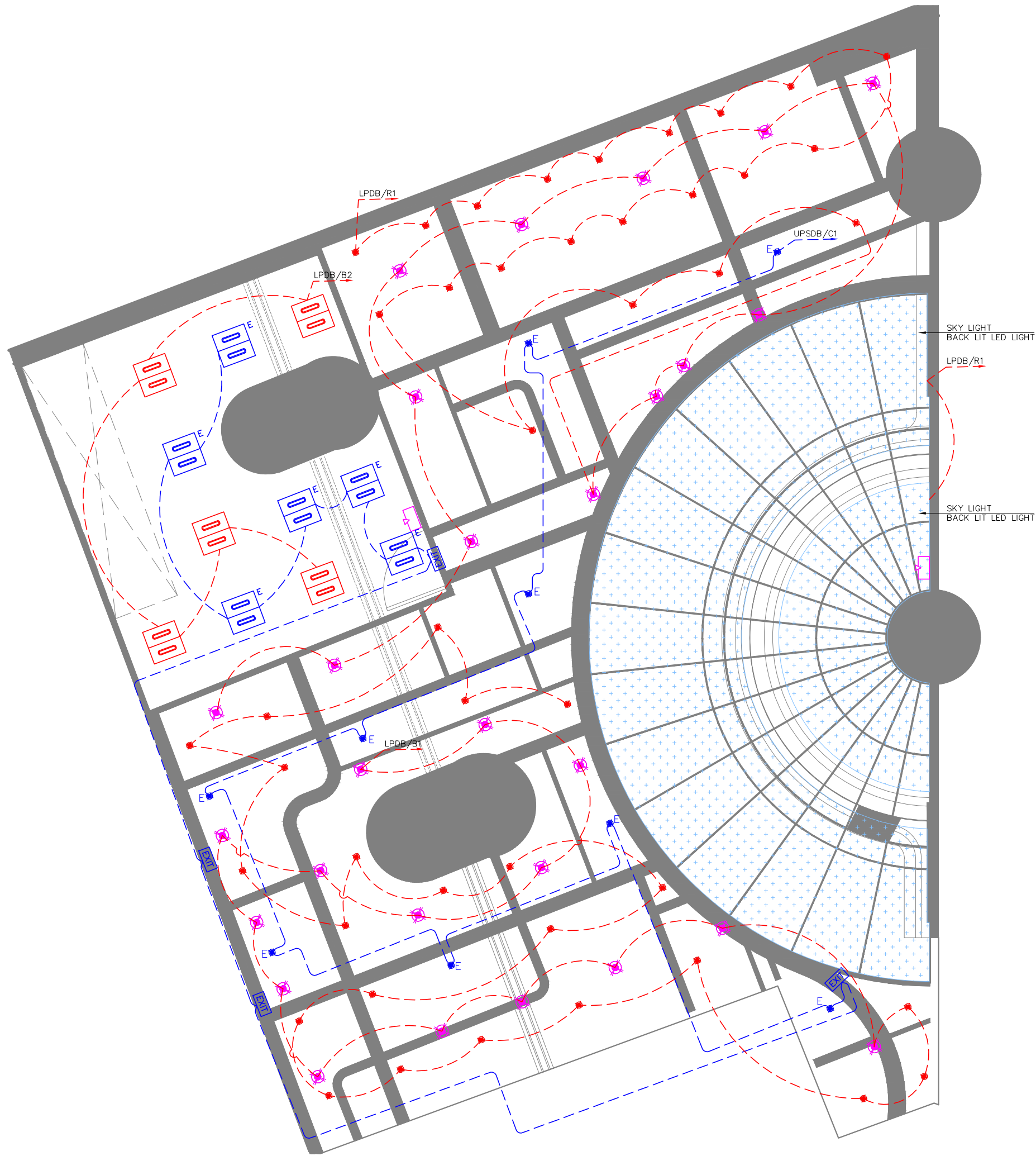
PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
POWER LAYOUT

SCALE 1:75 DATE 07.03.24 DRAWN AK A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX ELEC E301 T00



LIGHTING LEGEND				
SYMBOL	DESCRIPTION	CODE	WATTS	QTY
	PENDANT LIGHT	--	20	57
	CEILING SPOT LIGHT	--	15	44
	EMERGENCY CEILING SPOT LIGHT	--	15	09
	EMERGENCY 600 x 600mm LED PANEL LIGHT	--	36	06
	600 x 600mm LED PANEL LIGHT	--	36	05
	EXIT LIGHT (WALL / CEILING MOUNTED)	--	08	04
	LIGHTING CONTROL SWITCH POINT			02
	LIGHTING NORMAL CIRCUIT			--
	LIGHTING EMERGENCY CIRCUIT			--

NOTES

- ALL DIMENSIONS & LEVEL ARE IN "MM" OR OTHERWISE SPECIFIED. LEVELS MARKED ARE FROM 0.00 FFL.
- FINAL LOCATION OF LIGHT FIXTURES TO BE FOLLOWED AS PER ARCHITECT LAYOUT.
- REFER ARCHITECTURAL DETAIL LAYOUT FOR DECORATIVE TYPE LIGHT FIXTURES.
- ALL SWITCH / SOCKET / DATA OUTLET PLATE COLOUR / FINISH TO BE MATCH WITH ARCHITECTURAL LAYOUT & ARCHITECT APPROVAL TO BE TAKEN PRIOR TO PRODUCT PROCUREMENT.

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T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



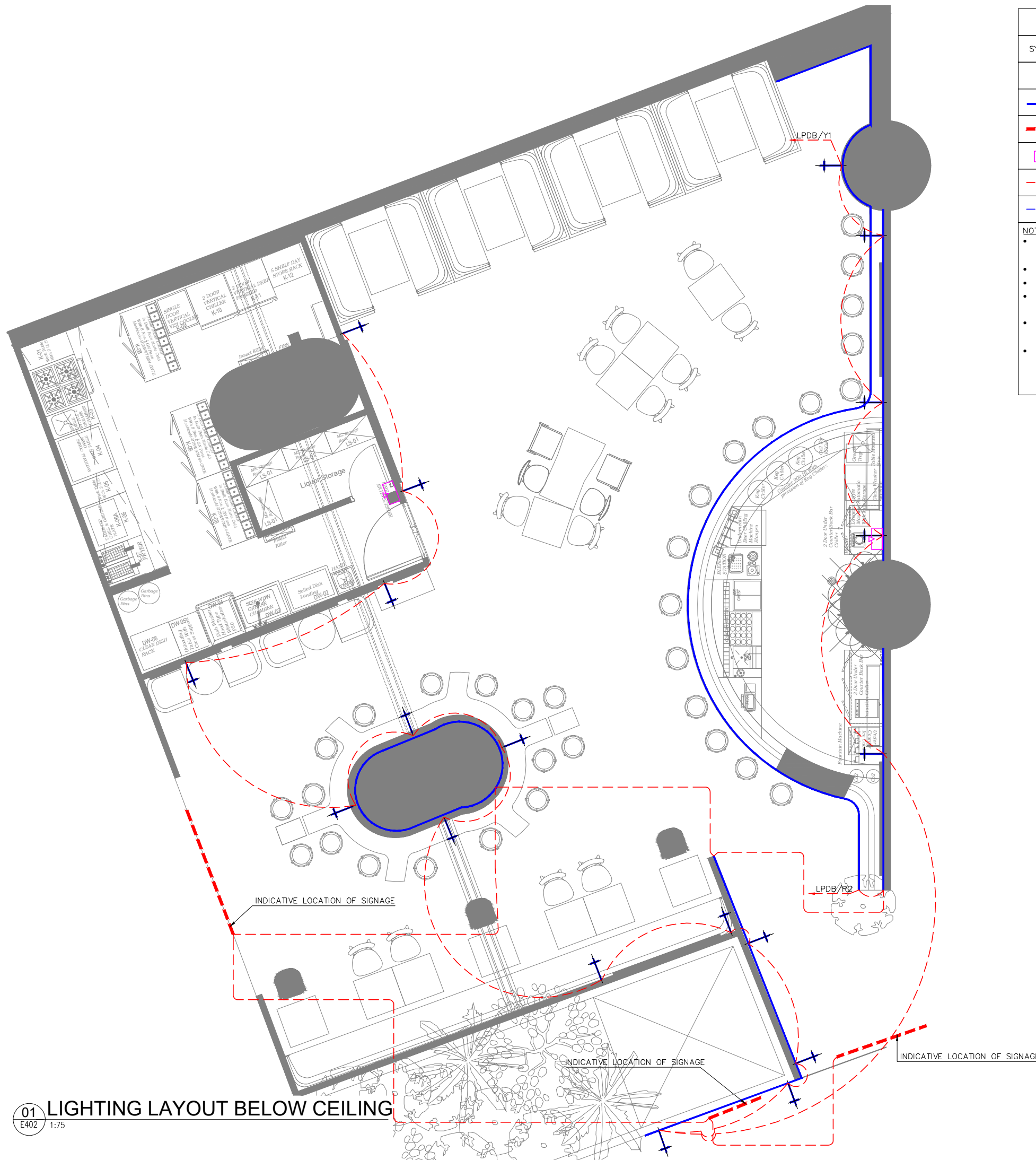
PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
LIGHTING LAYOUT

SCALE 1:75 DATE 07.03.24 DRAWN AK A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX ELEC E401 T00



LIGHTING LEGEND				
SYMBOL	DESCRIPTION	CODE	WATTS	QTY
+	WALL LIGHT	--	12	18
—	LED STRIP LIGHT	--	8W/M	--
---	INDICATIVE SIGNAGE	--	100	03
⏻	LIGHTING CONTROL SWITCH POINT			02
---	LIGHTING NORMAL CIRCUIT			--
---	LIGHTING EMERGENCY CIRCUIT			--

NOTES

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- N-01: WALL POINTS TO BE COORDINATE WITH ELEVATION OF DISPLAY UNITS.
- N-02: WALL LIGHT POINT TO BE COORDINATED WITH DISPLAY IN ELEVATION.
- FINAL LOCATION OF LIGHT FIXTURES TO BE FOLLOWED AS PER ARCHITECT LAYOUT.
- REFER ARCHITECTURAL DETAIL LAYOUT FOR DECORATIVE TYPE LIGHT FIXTURES.
- ALL SWITCH / SOCKET / DATA OUTLET PLATE COLOUR / FINISH TO BE MATCH WITH ARCHITECTURAL LAYOUT & ARCHITECT APPROVAL TO BE TAKEN PRIOR TO PRODUCT PROCUREMENT.

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T00 07.03.24 ISSUED FOR TENDER AK VJ
REV DATE DESCRIPTION DRN CHK



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

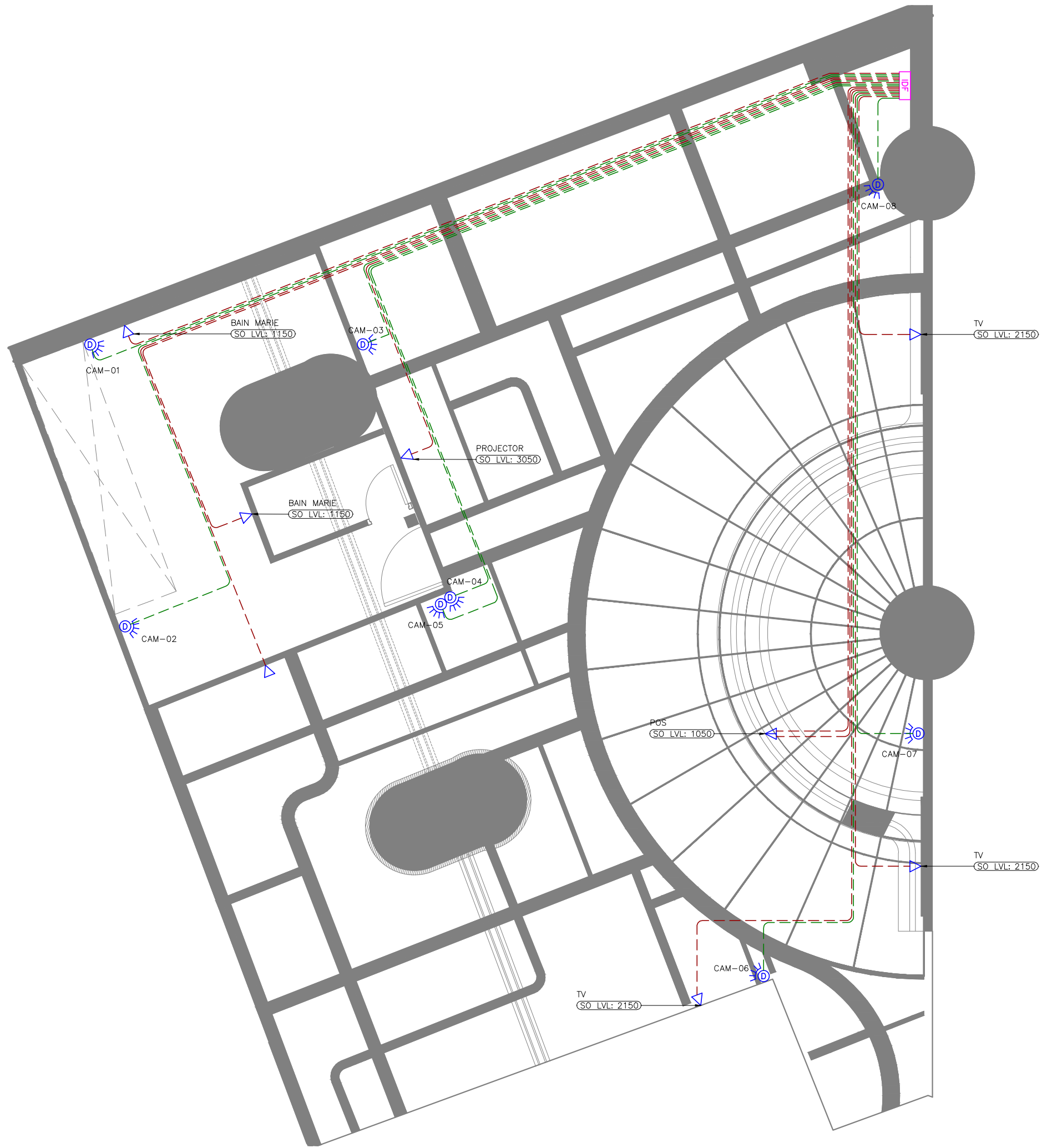
DRAWING TITLE
LIGHTING LAYOUT BELOW CEILING

SCALE 1:75 DATE 07.03.24 DRAWN AK A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX ELEC E402T00

01 LIGHTING LAYOUT BELOW CEILING
E402 1:75



CCTV & DATA NETWORKING LEGENDS		
SYMBOL	DESCRIPTION	QTY
	DOMO CCTV CAMERA – IP67 CEILING MOUNT	08
	SINGLE DATA OUTLET (RJ45)	07
	DUAL RJ45 DATA OUTLET	01
	INTERMEDIATE DISTRIBUTION FRAME (DATA NETWORK)	01
	DATA SYSTEM CABLE	--
	CCTV CABLE	--

NOTES

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- ALL SWITCH / SOCKET / DATA OUTLET PLATE COLOR / FINISH TO BE MATCH WITH ARCHITECTURAL LAYOUT & ARCHITECT APPROVAL TO BE TAKEN PRIOR TO PRODUCT PROCUREMENT.
- THE CABLE ROUTING SHOWN IN THE DIAGRAM IS INDICATIVE SCHEMATIC ONLY. ACTUAL ROUTING IS TO BE DONE AS PER SITE CONDITION AND ALSO COORDINATE WITH OTHER SERVICES.
- ONLY FIXED TYPE CAMERA SHALL BE USED. NO PAN / TILT TYPE CAMERA IS ALLOWED.

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TOO 07.03.24	ISSUED FOR TENDER	TT	VJ
REV DATE	DESCRIPTION	DRN	CHK



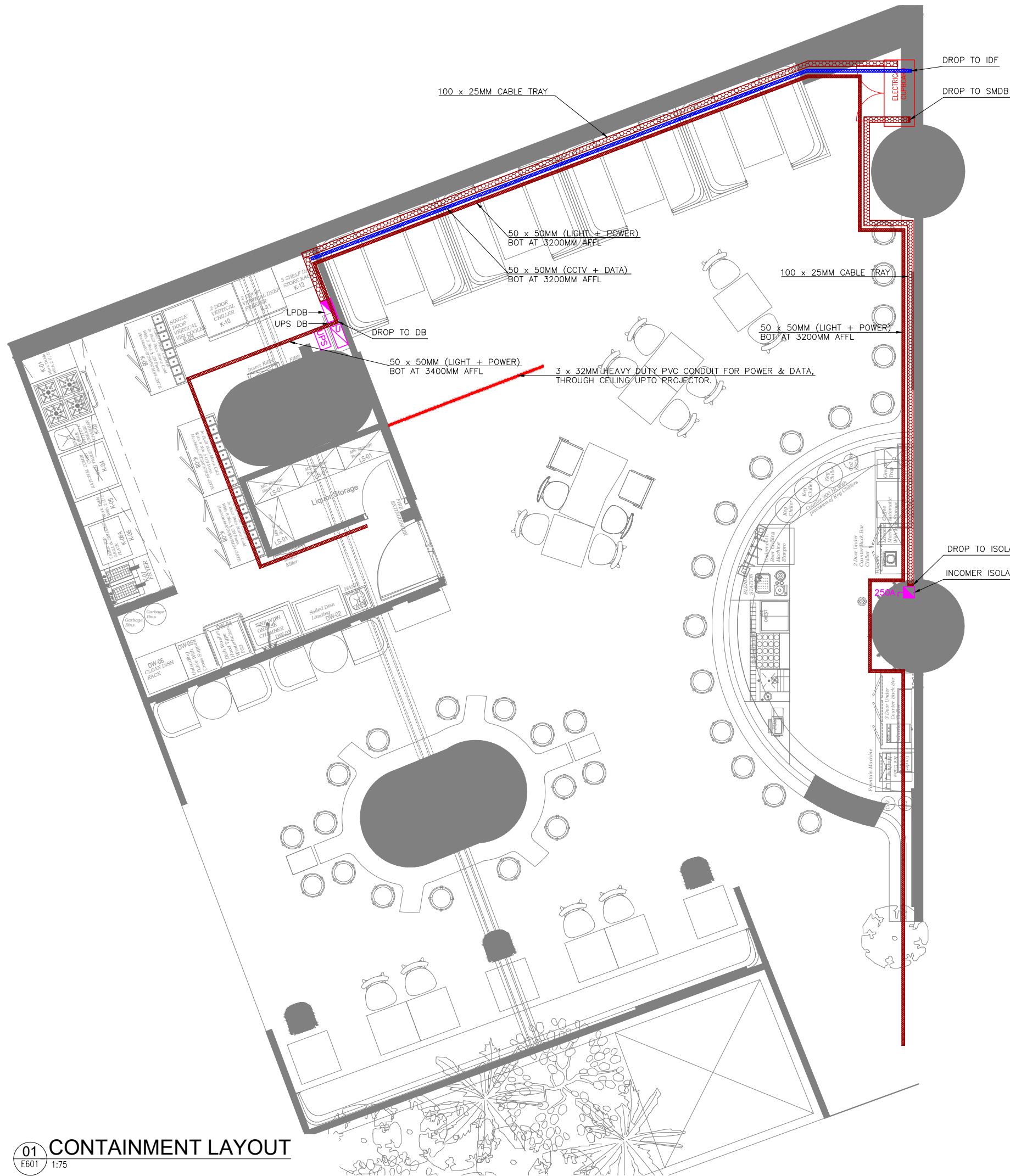
PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
CCTV & DATA LAYOUT

SCALE 1:75 DATE 07.03.24 DRAWN TT A3 SHEET

STATUS
TENDER

ORG	PROJECT NO	DRAWING TYPE	NUMBER	REV
TFS	XXXX	ELEC	E501	T00



RACEWAY / CONTAINMENT LEGEND		
SYMBOL	DESCRIPTION	QTY
	CABLE TRAY	--
	CABLE TRUNKING (LIGHTING & POWER)	--
	CABLE TRUNKING (ELV SYSTEM)	--
	LPDB - LIGHTING & POWER DISTRIBUTION BOARD	--
	250A THREE PHASE ISOLATOR	00
	UPS UNINTERRUPTIBLE POWER SUPPLY (IN-BUILT BATTERY)	00
	BATT. EXTERNAL BATTERY (UPS)	00

NOTES

- ALL DIMENSIONS & LEVEL ARE IN "MM" OR OTHERWISE MENTIONED.
- GI CONDUITS OF SUITABLE DIAMETER TO BE USED FOR ALL CCTV CABLING BETWEEN CAMERA & IDF RACK.
- HEAVY DUTY PVC CONDUITS OF SUITABLE DIAMETER TO BE USED FOR ALL LIGHTING & POWER CABLING THROUGH FLOOR SCREED / WALL.
- THE CONTRACTOR IS EXPECTED TO DEVELOP THE ACTUAL ROUTING DETAILS OF THESE AT SITE BASED ON SITE CONDITION. IT IS IMPORTANT TO ENSURE THAT THESE SERVICES ARE NOT VISIBLE TO CUSTOMERS, CAN BE ACCESSED IN FUTURE FOR MAINTENANCE AND ARE NOT DETRIMENTAL TO THE UNIT.
- PVC CONDUITS OF SUITABLE DIAMETER THROUGH FLOOR SCREED TO BE USED FOR LIGHTING, POWER & DATA POINTS TO DB & IDF RACK.
- CABLE TRAY & TRUNKING ROUTES ARE INDICATIVE ONLY, TO BE COORDINATED WITH OTHER SERVICES.
- CONTRACTOR TO FOLLOW AIRPORT MEP GUIDELINES FOR MATERIAL MAKE & SPECIFICATION.

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T00 07.03.24 ISSUED FOR TENDER TT WJ
REV DATE DESCRIPTION DRN CHK



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
CONTAINMENT LAYOUT

SCALE 1:75 DATE 07.03.24 DRAWN TT A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX ELEC E601 T00

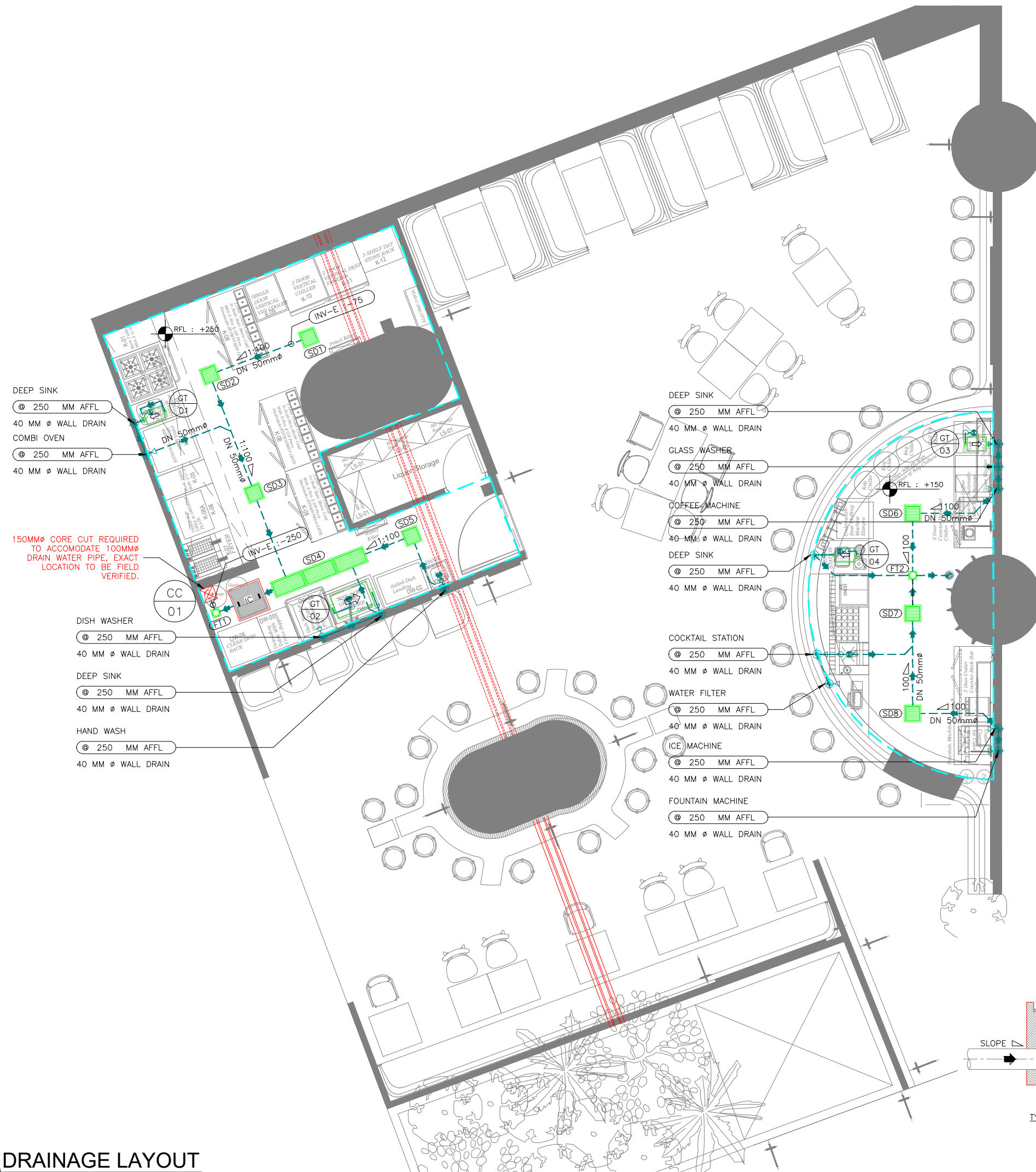
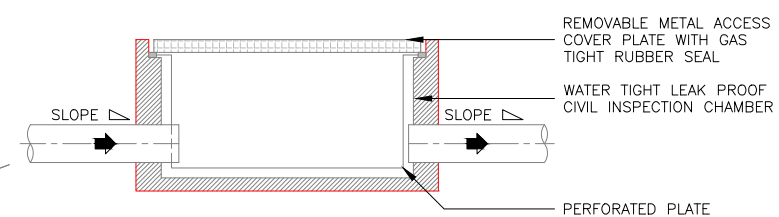
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PLUMBING DRAINAGE SYSTEM LEGEND	
SYMBOL	DESCRIPTION
	WASTE WATER PIPE
	WASTE VENT PIPE
	FLOOR DRAIN TERMINATION PIPE UP-STAND AFFL - FDP
	WASTE DRAIN TERMINATION ON WALL - WD
	FLOOR TRAP - FT
	P - TRAP
	SCUPPER DRAIN
	GREASE TRAP / GREASE INTERCEPTOR - GT
	WASTE WATER PIPE TAP OFF POINT
	AIR ADMITTANCE VALVE - AAV
	INSPECTION CHAMBER - IC
	NEW CORE CUT (SIZE AS INDICATED IN DRAWING)
	INDICATIVE FLOOR RISE REQUIRED AREA

- NOTES:
- PIPE WORKS AND FITTINGS SHALL COMPLY WITH THE DRAWINGS AND LOCAL AUTHORITIES REQUIREMENTS.
 - ALL PIPES SHALL BE SUITABLY SUPPORTED AND PROVIDED WITH CLEANOUTS FOR RODDING.
 - ALL PLUMBING FIXTURES & DRAIN SHOULD HAVE SUITABLE WATER TRAPS TO PREVENT THE ESCAPE OF FOUL AIR INTO THE BUILDING.
 - ANY GREASE GENERATING FIXTURE SHALL BE CONNECTED TO UNDER COUNTER GREASE INTERCEPTOR BEFORE CONNECTING TO BASE BUILD STUB OUT.
 - DRAIN SLOPE MAY VARY DEPENDING UPON SITE CONDITION AND TO MATCH WITH THE FLOOR RISE PROVIDED BY THE ARCHITECT.
 - RAISED FLOOR APPROVALS (IF ANY) TO BE OBTAINED ON ARCHITECTURAL TENDER.
 - RUNNING THE SERVICES ALONG THE WALLS OF THE FRONT/ BACK COUNTER
 - IF THE SERVICES HAVE TO RUN ON THE FLOOR, THEN CHIPPING EXISTING FLOOR AND SUBMERGING SERVICES UNDERNEATH (IF ALLOWED BY AIRPORT)
 - ALL THE DRAINAGE PIPE WORK SHALL BE OF UPVC TYPE-A.
 - ALL SINK AND DISHWASHER SHALL BE CONNECTED WITH P-TRAP.

- PIPE RUNS ABOVE CEILING
- PIPE RUNS ON WALL
- PIPE RUNS BELOW RAISED FLOOR
- ELBOW DOWN
- ELBOW UP
- TOP CONNECTION
- BOTTOM CONNECTION
- FLOW DIRECTION



T00 07.03.24 ISSUED FOR TENDER HS MB
REV DATE DESCRIPTION DRN CHK



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
**DRAINAGE LAYOUT -
KITCHEN AREA**

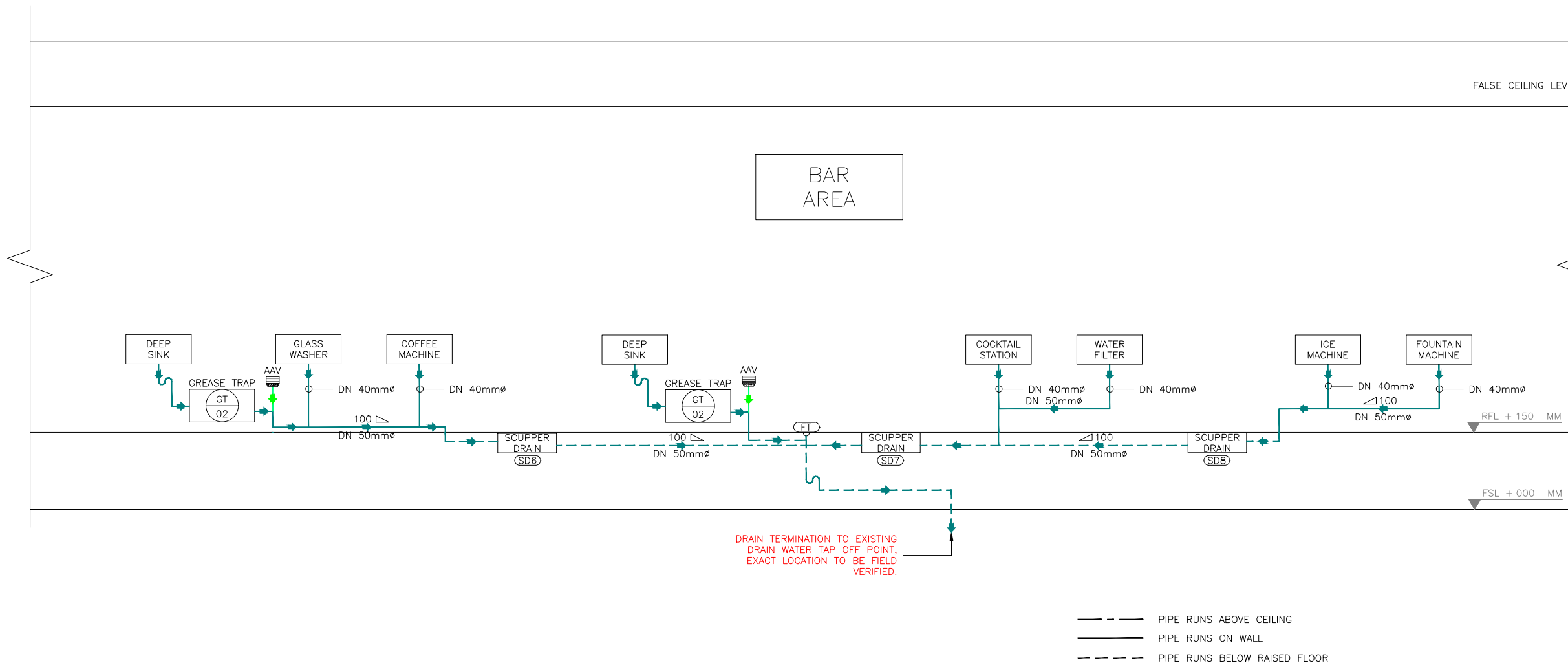
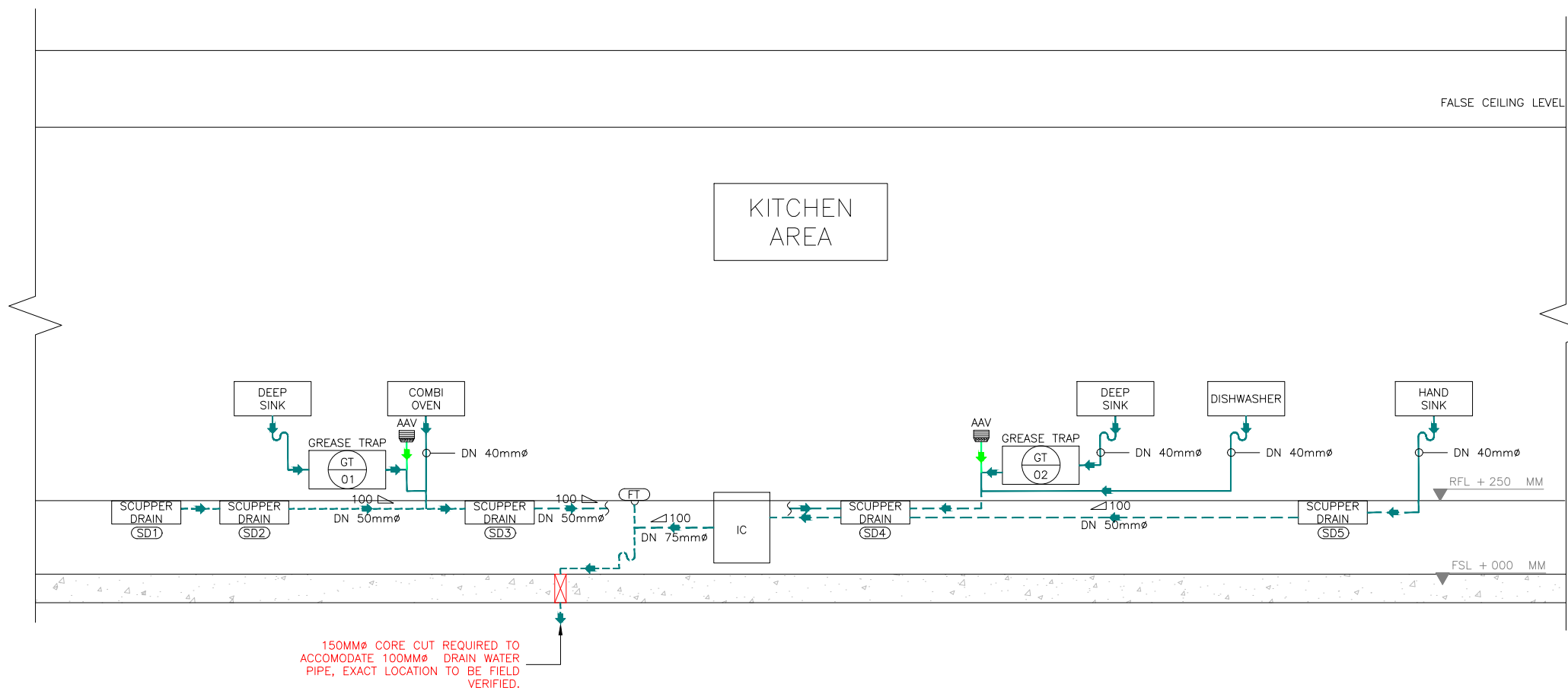
SCALE 1:75 DATE 07.03.24 DRAWN HS A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 PLUM P101 T00

ALL DIMENSIONS MUST BE CHECKED ON SITE
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T00	07.03.24	ISSUED FOR TENDER	HS	MB
REV	DATE	DESCRIPTION	DRN	CHK



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

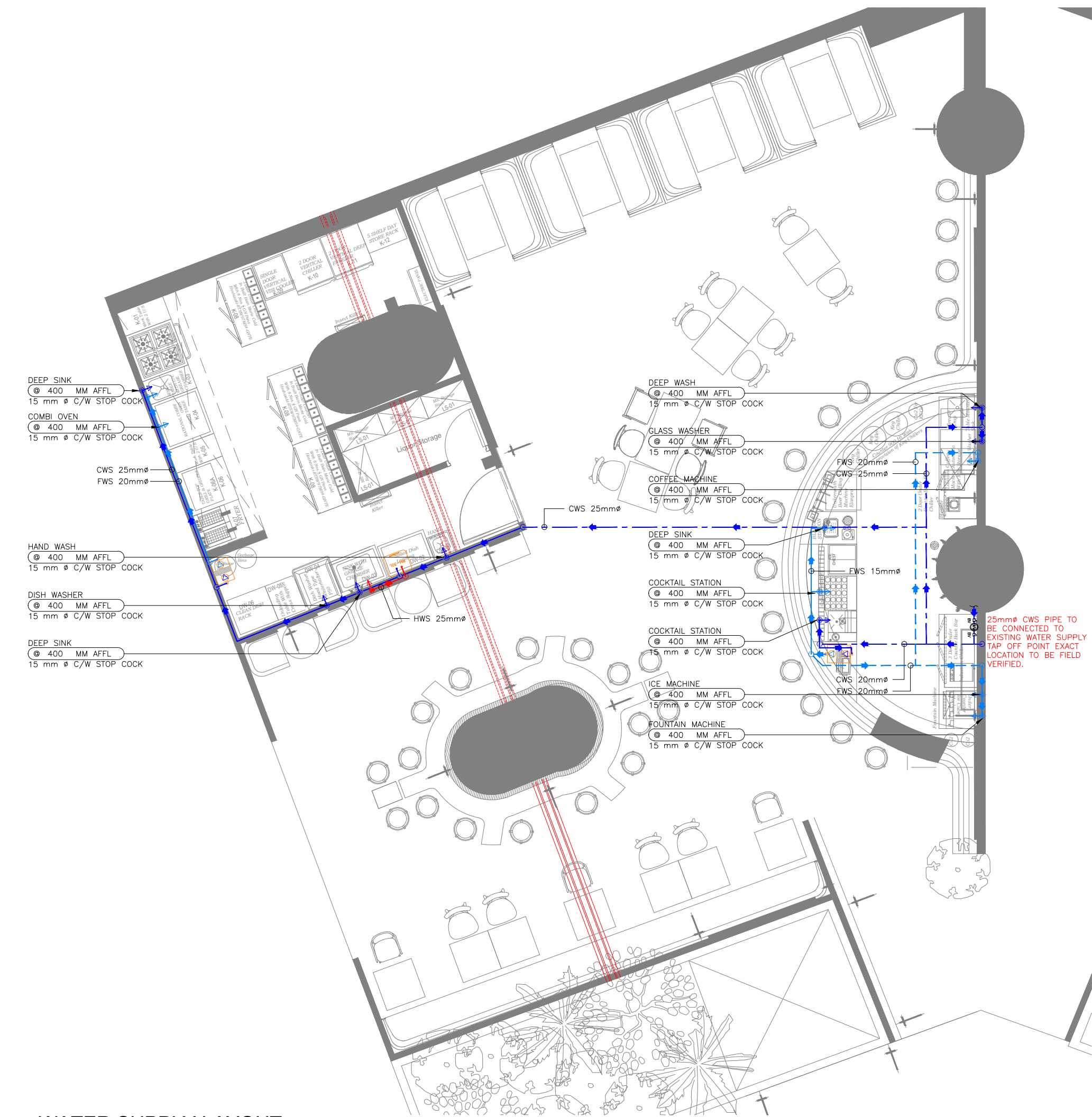
DRAWING TITLE
DRAINAGE SCHEMATIC LAYOUT

SCALE NTS DATE 07.03.24 DRAWN HS A3 SHEET

STATUS

TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 PLUM P102 T00



PLUMBING WATER SUPPLY SYSTEM LEGEND	
SYMBOL	DESCRIPTION
	COLD WATER SUPPLY PIPE
	FILTERED/RO WATER SUPPLY PIPE
	HOT WATER SUPPLY PIPE
	COLD WATER SUPPLY INLET WITH ANGLE VALVE
	FILTERED/RO WATER SUPPLY INLET WITH ANGLE VALVE
	HOT WATER SUPPLY INLET WITH ANGLE VALVE
	EXISTING WATER METER
	WATER HEATER - 30L
	RO WATER PURIFIER
	BALL VALVE - BV

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- NOTES:
- PIPE WORKS AND FITTINGS SHALL COMPLY WITH THE DRAWINGS AND LOCAL AUTHORITIES REQUIREMENTS.
 - CONNECT NEW COLD WATER PIPE TO EXISTING RISER LOCATED ON FLOOR LEVEL. FIELD VERIFY EXISTING LOCATION.
 - ASSUMING WATER SUPPLIED TO SITE IS QUALITY WATER THE EQUIPMENT REQUIRED RO WATER ARE SUPPLIED C/W WATER FILTRATION UNIT HOPING WATER SUPPLY HAVE ENOUGH PRESSURE.
 - FINAL WATER FILTRATION SYSTEMS, WILL BE DESIGNED BY SPECIALIST VENDORS.
 - PLEASE NOTE PIPE WORK AND EQUIPMENT MAY BE SHOWN DISPLACED FOR CLARITY
 - ALL PROPOSED WATER SUPPLY TAP-OFF POINT ELEVATIONS ARE MARKED FROM RASIED FLOOR LVL.
 - WATER METER & TOTALISER SHALL BE INSTALLED INSIDE BOXED CANOPY AND FIXED TO THE WALL FOR FUTURE ACCESSIBILITY AND MONTHLY READING. (EXACT LOCATION TO BE COORDINATED AT SITE & WITH ID DESIGN).

CWS - COLD WATER SUPPLY
FWS - FILTERED WATER SUPPLY
HWS - HOT WATER SUPPLY
C/W - CONTINUED WITH

- PIPE RUNS ABOVE CEILING
- PIPE RUNS ON WALL
- PIPE RUNS BELOW RAISED FLOOR
- CWS - COLD WATER SUPPLY
- FWS - FILTER WATER SUPPLY
- HWS - HOT WATER SUPPER
- ELBOW DOWN
- ELBOW UP
- TOP CONNECTION
- BOTTOM CONNECTION
- FLOW DIRECTION

TOO 07.03.24	ISSUED FOR TENDER	HS	MB
REV	DATE	DESCRIPTION	DRN



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
WATER SUPPLY LAYOUT

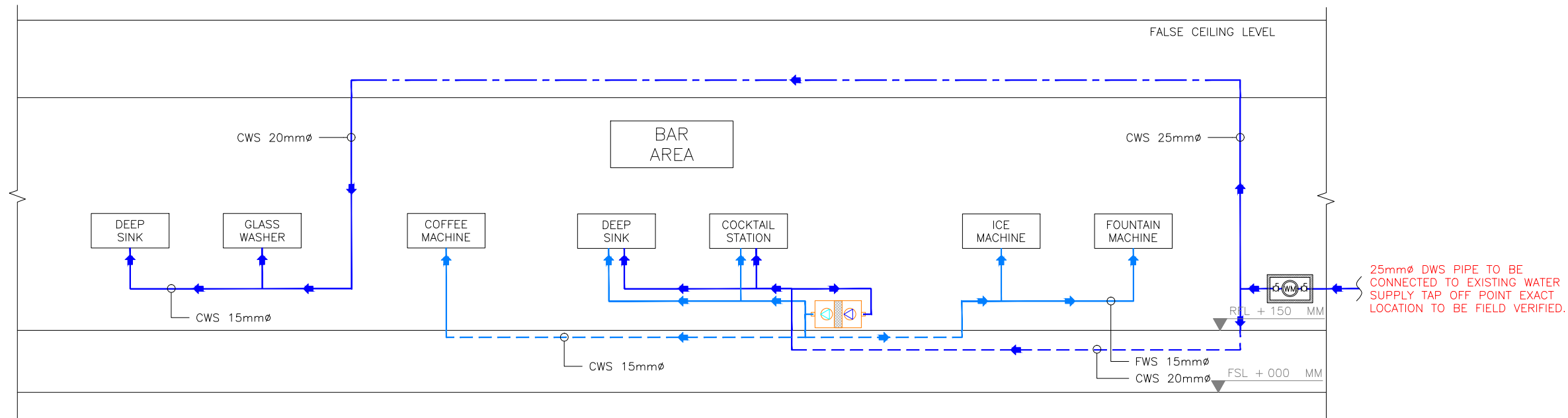
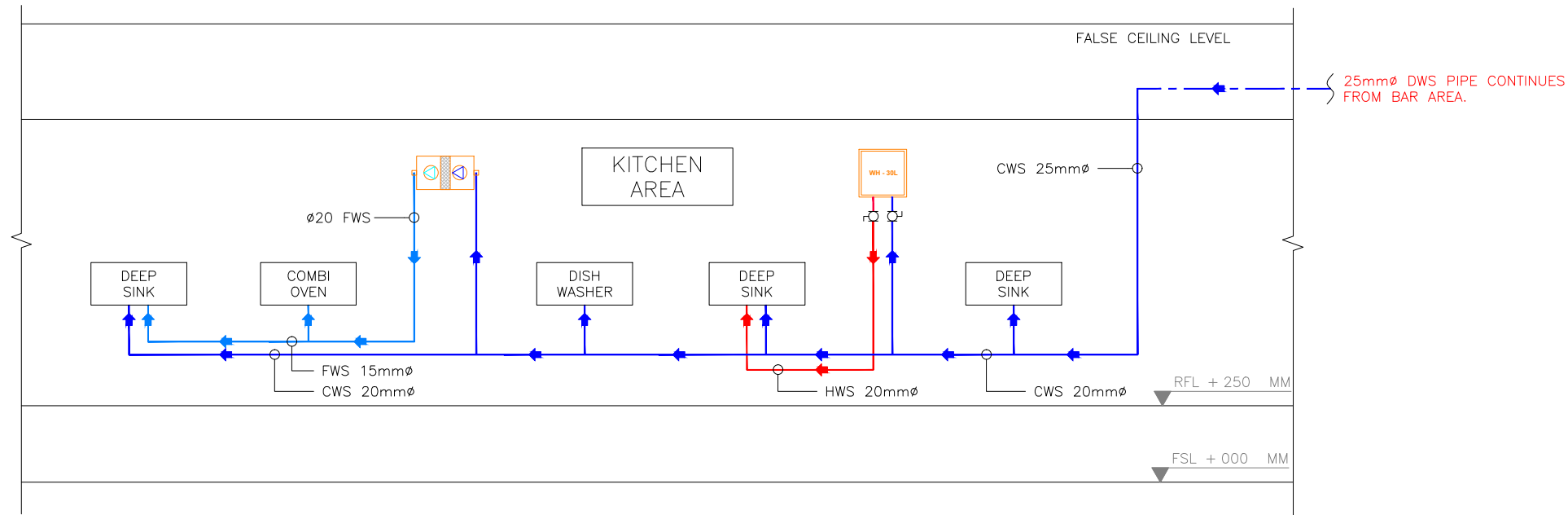
SCALE 1:75 DATE 07.03.24 DRAWN HS A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 PLUM P201 T00

ALL DIMENSIONS MUST BE CHECKED ON SITE
INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION

NOTES:
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- PIPE RUNS ABOVE CEILING
- PIPE RUNS ON WALL
- PIPE RUNS BELOW RAISED FLOOR
- CWS - COLD WATER SUPPLY
- FWS - FILTER WATER SUPPLY
- HWS - HOT WATER SUPPER

T00 07.03.24 ISSUED FOR TENDER HS MB
REV DATE DESCRIPTION DRN CHK



PROJECT
**IRISH HOUSE
DELHI AIRPORT**

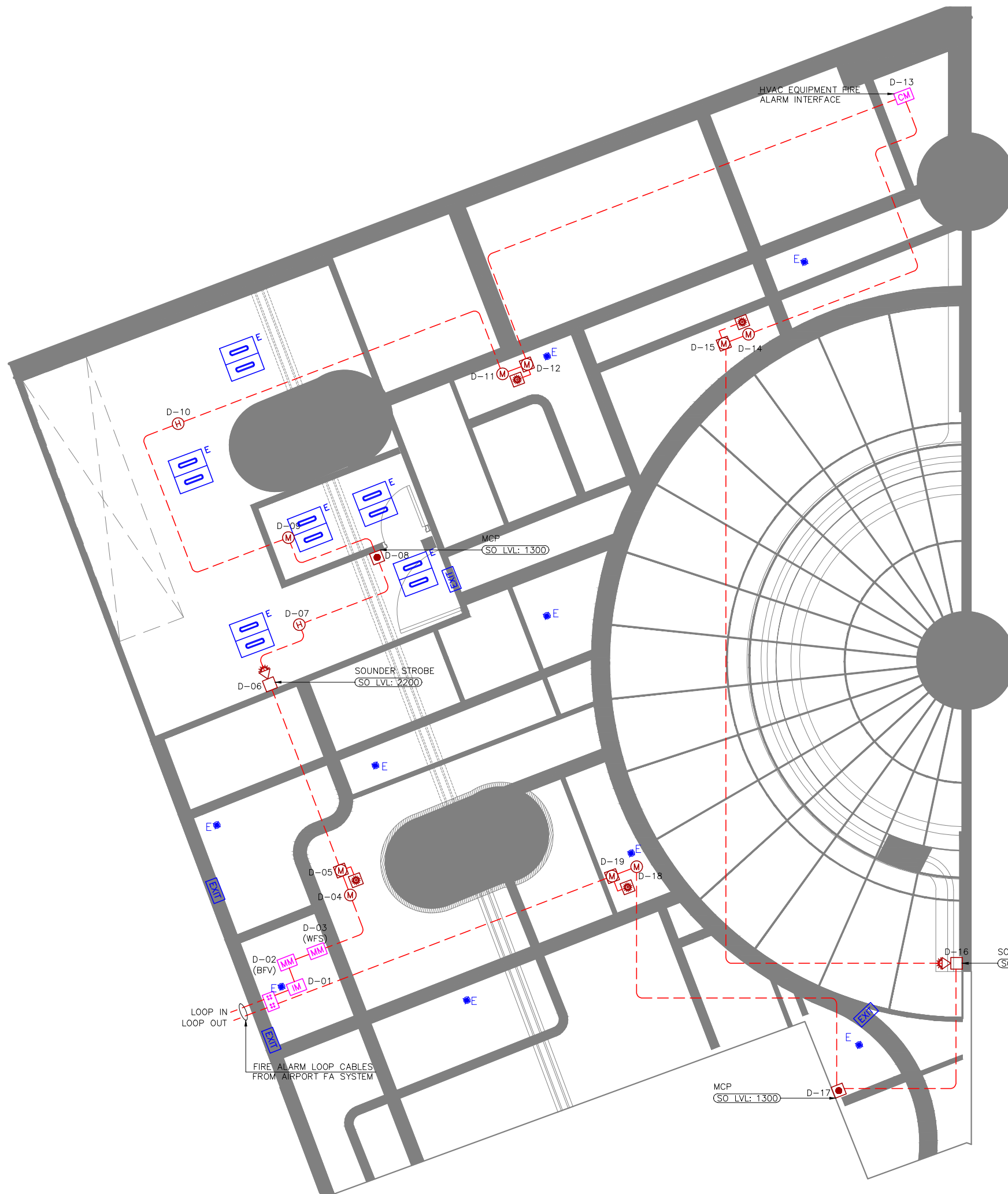
DRAWING TITLE
**WATER SUPPLY
SCHEMATIC LAYOUT**

SCALE NTS DATE 07.03.24 DRAWN HS A3 SHEET

STATUS
TENDER

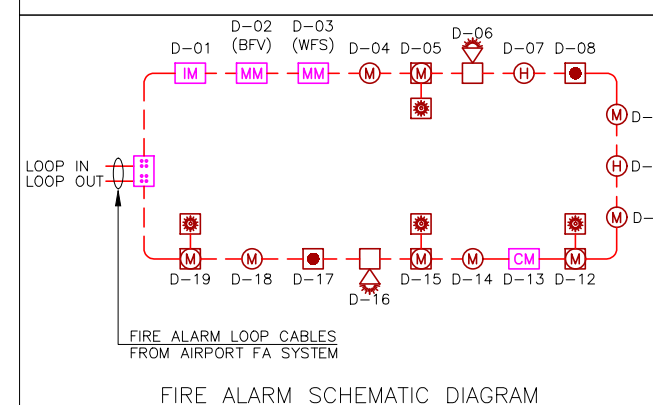
ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS 0000 PLUM P202 T00

01 WATER SUPPLY SCHEMATIC LAYOUT
P202 NTS



FIRE ALARM LEGEND		
SYMBOL	DESCRIPTION	QTY
(H)	HEAT DETECTOR (CEILING MOUNTED)	02
(M)	MULTI-CRITERIA DETECTOR (CEILING MOUNTED)	05
(M)	MULTI-CRITERIA DETECTOR (CEILING VOID)	04
(RI)	RESPONSE INDICATOR FOR ABOVE CEILING DETECTOR	04
(MCP)	MANUAL CALL POINT (BREAK GLASS UNIT)	02
(SS)	FIRE ALARM LOOP SOUNDER STROBE (WALL MOUNTED)	02
(IM)	ISOLATION MODULE	01
(MM)	MONITOR MODULE	02
(CM)	CONTROL MODULE	01
(LJB)	LOOP JUNCTION BOX	00
(E)	EMERGENCY CEILING SPOT LIGHT	09
(E600)	EMERGENCY 600 x 600mm LED PANEL LIGHT	06
(EXIT)	EXIT LIGHT (WALL / CEILING MOUNTED)	04
(---)	FIRE ALARM CIRCUIT	--

- NOTES**
- ALL DIMENSIONS & LEVELS ARE IN "MM" OR OTHERWISE SPECIFIED.
 - COMPLY WITH THE REQUIREMENTS OF NFPA 72.
 - FIRE ALARM DEVICES TO BE SAME / RECOMMENDED MAKE USED AT AIRPORT TO AVOID COMPATIBILITY ISSUES.
 - FIRE ALARM SYSTEM LOOP CABLE TO BE SAME SIZE & TYPE AS USED BY AIRPORT.
 - RESPONSE INDICATOR (RI) TO BE PROVIDED AT FALSE CEILING FOR ABOVE CEILING DETECTORS.
- ABBREVIATIONS**
- BFV - BUTTERFLY VALVE
 - WFS - WATER FLOW SWITCH



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TOO 07.03.24	ISSUED FOR TENDER	TT	WJ
REV DATE	DESCRIPTION	DRN	CHK



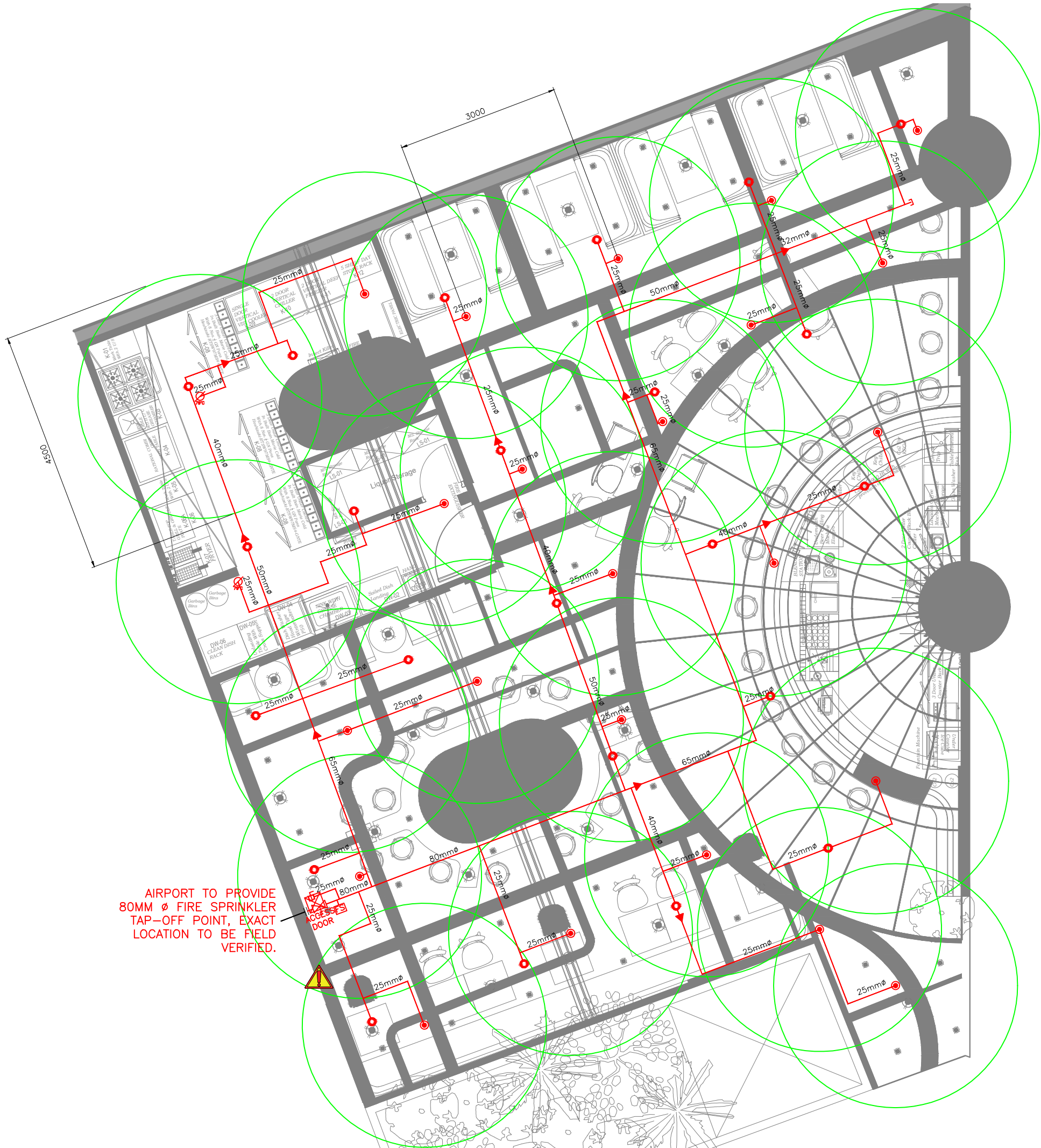
PROJECT
**IRISH HOUSE
DELHI AIRPORT**

DRAWING TITLE
FIRE ALARM LAYOUT

SCALE 1:75 DATE 07.03.24 DRAWN TT A3 SHEET

STATUS
TENDER

ORG	PROJECT NO	DRAWING TYPE	NUMBER	REV
TFS	XXXX	FIRE	F101	T00



FIRE SPRINKLER SYSTEM LEGEND		
SYMBOL	DESCRIPTION	QTY
	SPRINKLER HEAD PENDENT (68°C TYCO-CONCEALED TYPE)	23
	SPRINKLER HEAD PENDENT HIGH TEMPERATURE (79°C TYCO-CONCEALED TYPE)	02
	SPRINKLER HEAD UPRIGHT	23
	SPRINKLER BUTTERFLY VALVE (ISOLATION VALVE)	01
	SPRINKLER BALL VALVE - TEST DRAIN	01
	SPRINKLER PIPE FLOW SWITCH	01
	SPRINKLER PIPE REDUCER	--
	SPRINKLER PIPE	--
	SPRINKLER PIPE EXISTING	--
	SPRINKLER PIPE EXISTING FLANGE CONNECTION	--
	TRAP DOOR FOR ACCESS - 300x300	--

NOTES:

- FIRE PIPE FINAL TAP-OFF POINT TO BE CONFIRMED BY THE AIRPORT.
- INSTALLATION WORKS FOR THE AUTOMATIC SPRINKLERS SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 13.
- ISOLATION VALVE SHALL BE CONSIDERED AT SPRINKLER TAPPING (PN16) AND TRAP DOOR SHALL BE PROVIDED FOR THE SAME FOR EASY MAINTENANCE.
- PIPE WORKS AND FITTINGS SHALL COMPLY WITH THE DRAWINGS AND LOCAL AUTHORITIES REQUIREMENTS.
- 65 MM Ø NEW BRANCH PIPE FROM EXISTING SPRINKLER PIPE.
- THE CONTRACTOR TO ENSURE THE SPRINKLER IS INSTALLED UNDER NFPA-13 AND SHARED AIRPORT GUIDELINES.
- CONTRACTOR TO ENSURE THE MINIMUM DISTANCE BETWEEN TWO WIELDED JOINTS SHOULD NOT BE LESS THAN 100MM AND ONLY CONCENTRIC REDUCERS SHOULD BE USED TO REDUCE PIPE SIZES.
- CONTRACTOR TO ENSURE PIPES AND FITTINGS SHALL BE CONFIRMED TO IS 1239 PART -1 CLASS "C" HEAVY.
- THE CONTRACTOR IS TO ENSURE ALL HOSE PIPES ARE TO BE TYCO-1500 MM LONG (SS BRAIDED, UL LISTED & FM APPROVED).
- THE CONTRACTOR IS TO ENSURE ALL SPRINKLER PIPES ARE PROPERLY SUPPORTED AS PER STANDARDS AND SITE CONDITIONS.
- UPRIGHT SPRINKLERS ARE ADDED BECAUSE THERE IS A CEILING CANOPY ABOVE THE VISIBLE FALSE CEILING BELOW.

- ELBOW DOWN
- ELBOW UP
- TOP CONNECTION
- BOTTOM CONNECTION

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T00	07.03.24	ISSUED FOR TENDER				



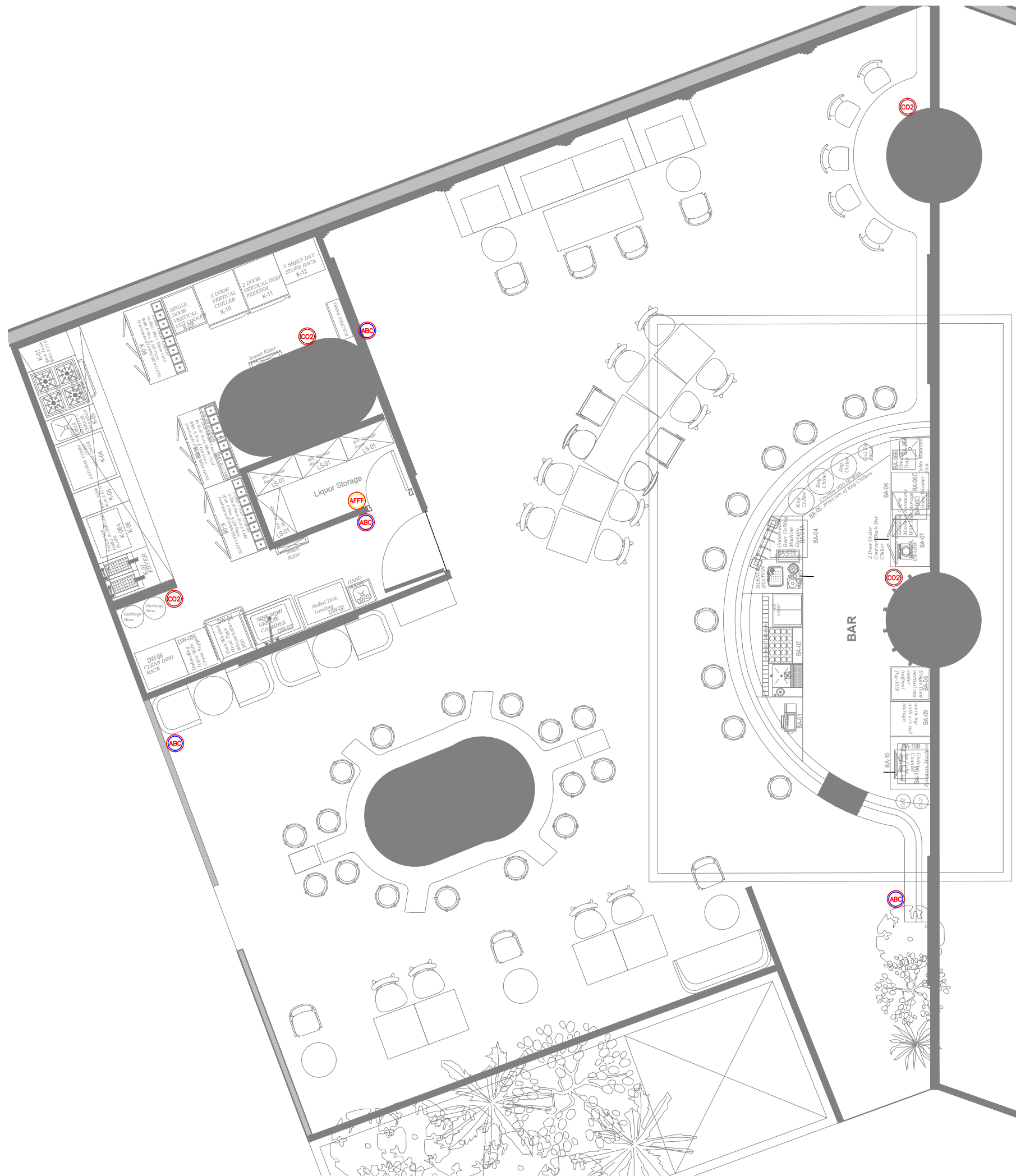
PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
FIRE SPRINKLER LAYOUT

SCALE 1:100 DATE 07.03.24 DRAWN ST A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX FIRE F201 T00



FIRE EXTINGUISHERS LEGEND		
SYMBOL	DESCRIPTION	QTY
	FIRE EXTINGUISHER_CLASS ABC (DRY POWDER) – 4 KG	04
	FIRE EXTINGUISHER_CLASS BC (CO2) – 2.0 KG	04
	FIRE EXTINGUISHER_CLASS AB (AR-AFFF) – 2 Ltr	01

NOTES:

- FIRE EXTINGUISHER SHALL BE INSTALLED IN LOCATION WHERE THEY ARE VISIBLE
- FIRE EXTINGUISHER SHALL BE CONSPICUOUSLY LOCATED WHERE THEY ARE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE EVENT OF FIRE.
- FIRE EXTINGUISHER SHALL BE INSTALLED SO THAT THE FIRE EXTINGUISHER'S OPERATING INSTRUCTIONS FACE OUTWARD.
- FIRE EXTINGUISHER SHALL BE INSTALLED SO THAT IN NO CASES THE TOP OF THE EXTINGUISHER IS NOT MORE THAT 1500MM ABOVE THE FLOOR LEVEL OR THE CLEARANCE BETWEEN THE BOTTOM OF THE HAND PORTABLE FIRE EXTINGUISHER AND THE FLOOR BE LESS THAN 100MM.
- SIGNS OR OTHER MEANS USED TO INDICATE FIRE EXTINGUISHER LOCATION SHALL BE LOCATED IN CLOSE PROXIMITY TO THE EXTINGUISHER AND SHALL BE VISIBLE FROM THE NORMAL PATH OF TRAVEL.
- ALL FIRE EXTINGUISHER SIGNS TO BE PROVIDED WITH NIGHT GLOW.
- CONTRACTOR TO ENSURE ALL EXTINGUISHERS SHOULD BE AS PER BIS 15683.
- ALL EXTINGUISHER TO BE FLOOR MOUNTED AND PLACED WITH SS STAND.
- STANDARD STICKER SIGNAGE FOR EXTINGUISHER LOCATION TO BE PLACED.

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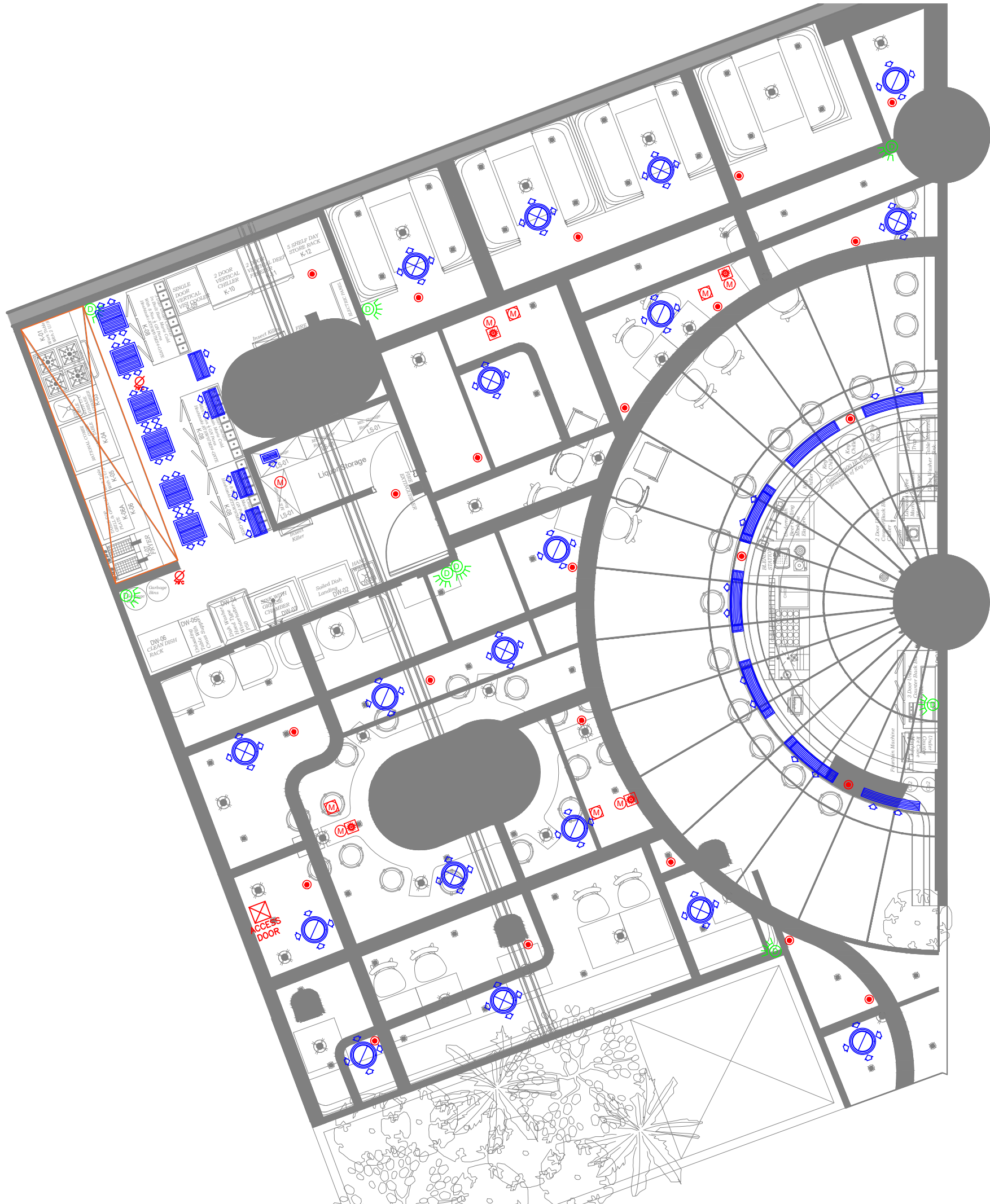
PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
FIRE EXTINGUISHER LAYOUT

SCALE 1:100 DATE 07.03.24 DRAWN ST A3 SHEET

STATUS
TENDER

ORG PROJECT NO DRAWING TYPE NUMBER REV
TFS XXXX FIRE F301 T00



LEGENDS	
	ACMV
	LIGHTING
	EMERGENCY LIGHTING
	CCTV & DATA
	FIRE

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REV	DATE	DESCRIPTION	DRN	CHK



PROJECT
IRISH HOUSE
DELHI AIRPORT

DRAWING TITLE
M&E COORDINATION LAYOUT

SCALE 1:100 DATE 07.03.24 DRAWN ST A3 SHEET

STATUS
TENDER

ORG	PROJECT NO	DRAWING TYPE	NUMBER	REV
TFS	XXXX	COORD	X101	T00