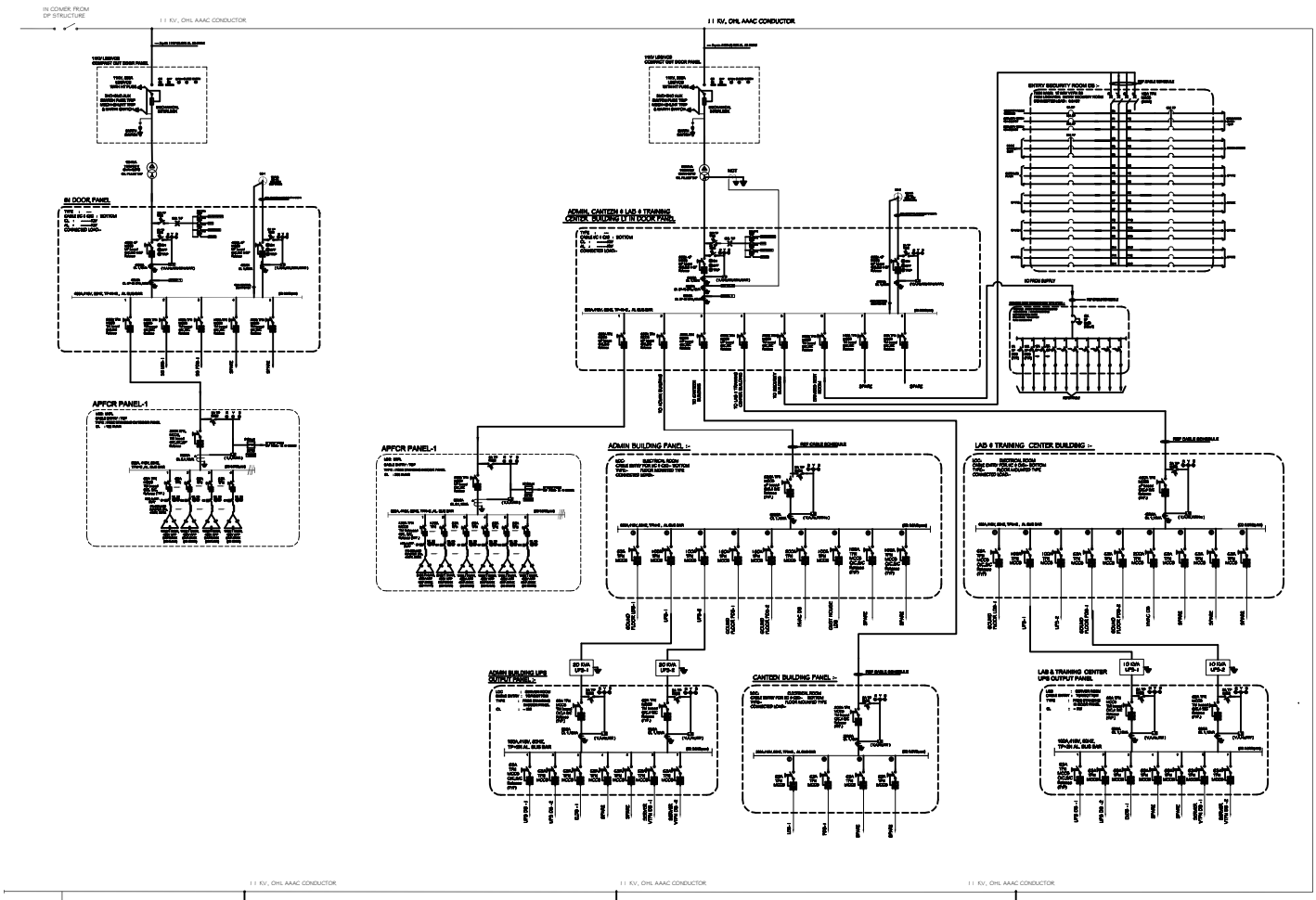

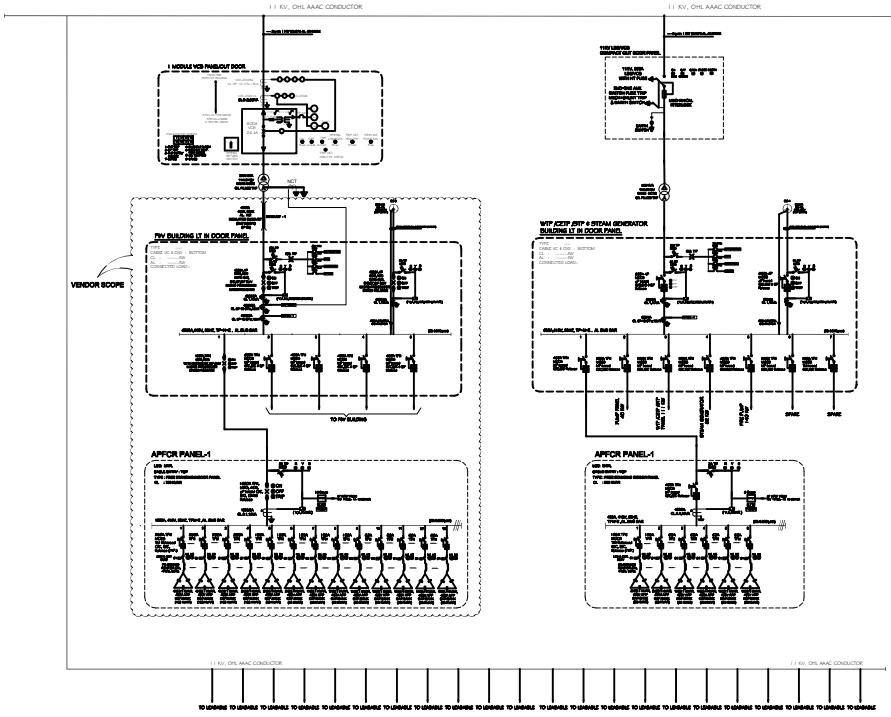

LEGEND :-

SYMBOL	DESCRIPTION
VCB	MOTORISED DRAWOUT TYPE VACCUM CIRCUIT BREAKER.
ACB	AIR CIRCUIT BREAKER
MCCB	MOULDED CASE CIRCUIT BREAKER.
MCB	MINIATURE CIRCUIT BREAKER.
	CONTROL FUSE
	CURRENT TRANSFORMER (RING CORE)
	PACKA TYBOUT ARRANGEMENT COMPLETE WITH ACCEPT, REMIT & TEST FACILITIES
	POWER TRANSFORMER
	CLOSE-NEUTRAL-TRIP BREAKER CONTROL SWITCH
R Y B	PHASE INDICATING LAMP.
	BREAKER INDICATING LAMP. (ON/OFF/TRIP)
APFC/R	AUTOMATIC POWER FACTOR CORRECTION RELAY
	LOAD MANAGER
	BUCHHOLZ RELAY.
	HIGH SPEED TRIPPING RELAY (SEC MAKE TYPE VAM21)
	INST UNDERVOLTAGE RELAY (SEC MAKE TYPE VDG13)
50 B	INST(DPOLE) OVERCURRENT RELAY. (SEC MAKE TYPE CDG 34)
50N	INST(DPOLE) EARTH FAULT RELAY.
	GUARD RELAY (SEC MAKE TYPE)
	BREAKER CONTACT MULTIPLICATION RELAY. (SEC MAKE TYPE VAC 31)
EDO	ELECTRICALLY DRAW OUT ACB
MDO	MANUALLY DRAW OUT ACB
	PUSH BUTTONS ON WITH GREEN AND OFF WITH RED
CR	CONTROL RELAY PANEL.
	ELECTRICAL & MECHANICAL INTERLOCKING
H5	ON INDICATING LAMP WITH FS (GREEN)
	OFF INDICATING LAMP WITH FS (RED)

NOTES :

1) STATE EB HT METERING HAS BEEN CONSIDERED INSIDE THE PREMISES AND NEAR THE ENTRANCE GATE.
2) TRAFO WITH OLTC (-10% to 0% with steps of 1.25% for 11/V).
3) ALL ACBs / MCCBs IN MAIN LT PANEL AND DG SYNCHRONISATION PANEL ARE WITH MICROPROCESSOR BASED RELEASE.
4) ALL MCCBs ARE WITH ROTARY OPERATING HANDLES.
5) ALL CABLES ARE XLPE ONLY.
6) ALL INCOMING ACBs IN MAIN LT PANEL ARE BOTH MECHANICALLY & ELECTRICALLY INTERLOCKED.
7) ALL BUSBARS SHALL BE ALUMINIUM WITH 0.8A/Sq.MM CURRENT DENSITY
8) ALL LT PANELS SHOULD BE MADE FOR TOP/BOTTOM CABLE ENTRY ONLY.
9) REFER CABLE SCHEDULE FOR ACTUAL CABLE SIZES.

APPROVALS
CHITECT
ROJECT MANAGER
ROJECT AD
Y. BIJAN

EFERENCE

QTY	ISSUED TO	DATE	BY	REMARK

REV.NOS	DESCRIPTION	DATE	CHK'D	REV.BY
A0	CLIENT APPROVAL	26.12.13	SR	PSM
A1	CLIENT APPROVAL	26.12.13	SR	PSM
A2	CLIENT APPROVAL	30.12.13	SR	PSM
T0	FOR TENDER	21.03.14	SR	PSM
T1	FOR TENDER	11.10.14	SR	PSM

PURPOSE: **FOR TENDER**

CLIENT : **M/S MEGA FOOD PARK PVT LTD.**

PROJECT : **MEGA FOOD PARK AT VATHAGAM VILLAGE PACHAN TALUKA, DIST. AURANGABAD**

TITLE : **EXTERNAL SLD FOR CORE ,SOCIAL INFRA AREA**

NORTH :	DRAWN:	PURUSHOTHAM	JOB NO :	H-11-12/013
	DESIGN:	RAMESH	SCALE:	NTS
	APPROVED:	SK	REVISION	T1
	DATE :	26.11.2013	DRG. NO.	APA-EL-EXT-401

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