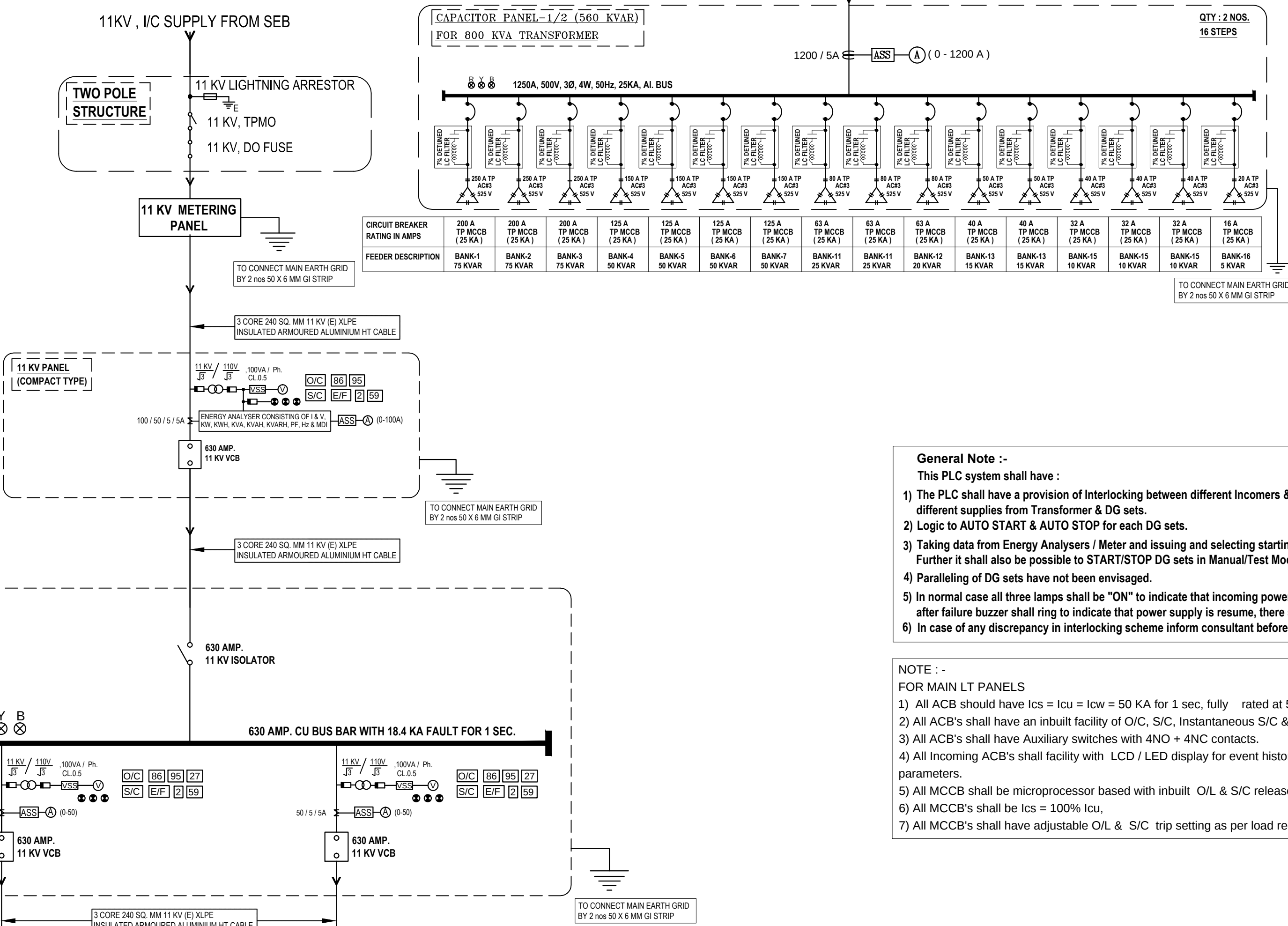


INTERLOCKING SCHEME FOR PLC								
Conditions	EQUIPMENT ACB No.	Breaker Position						
		DG - 01 750 KVA	TRAFO-1 (800 KVA)	B/C	DG - 02 750 KVA	TRAFO-2 (800 KVA)	B/C	DG - 03 100 KVA
Mains "ON"	Under Normal Condition, Transformer shall energize the Main LT Panel.	1	2	6	3	4	7	5
Mains Failure	When max. demand load is upto 68 KW then load transferred to DG-03.	OFF	ON	OFF	OFF	ON	ON	OFF
	When max. demand load is upto 68 KW & DG-03 fails to start then load transferred to DG-02.	OFF	OFF	ON	OFF	OFF	ON	OFF
	When max. demand load is upto 68 KW & DG-02 fails to start then load transferred to DG-01.	ON	OFF	ON	OFF	OFF	ON	OFF
	When max. demand load is upto 510 KW then load transferred to DG-02.	OFF	OFF	ON	ON	OFF	ON	OFF
	When max. demand load is upto 510 KW & DG-02 fails to start then load transferred to DG-01.	ON	OFF	ON	OFF	OFF	ON	OFF
	When combined max. demand load of bus section-1 & 2 is upto 510 KW then load of bus section-1 & 2 transferred to DG-01 & load of bus section-3 is at DG-03.	ON	OFF	ON	OFF	OFF	ON	OFF
	When combined max. demand load of bus section-1 & 2 is upto 510 KW & DG-01 fails to start then load of bus section-1 & 2 transferred to DG-02 & load of bus section-3 is at DG-03.	OFF	OFF	ON	ON	OFF	ON	OFF
	When combined max. demand load of bus section-2 & 3 is upto 68 KW then load of bus section-2 & 3 transferred to DG-03 & load of bus section-1 is at DG-01.	ON	OFF	OFF	ON	OFF	ON	OFF
	When combined max. demand load of bus section-2 & 3 is upto 68 KW & DG-03 fails to start then load of bus section-2 & 3 transferred to DG-02 & load of bus section-1 is at DG-01.	ON	OFF	OFF	ON	OFF	ON	OFF
	When combined max. demand load of bus section-2 & 3 is upto 510 KW then load of bus section-2 & 3 transferred to DG-02 & load of bus section-1 is at DG-01.	ON	OFF	OFF	ON	OFF	ON	OFF
	When max. demand load exceeds from 510 KW and not fulfill any condition shown above then all the Three DGs shall run independently at separate bus bar. ie. DG-01 at bus section-01, DG-02 at bus section-2, DG-03 at bus section-3.	ON	OFF	OFF	ON	OFF	ON	OFF



General Note :-
This PLC system shall have :

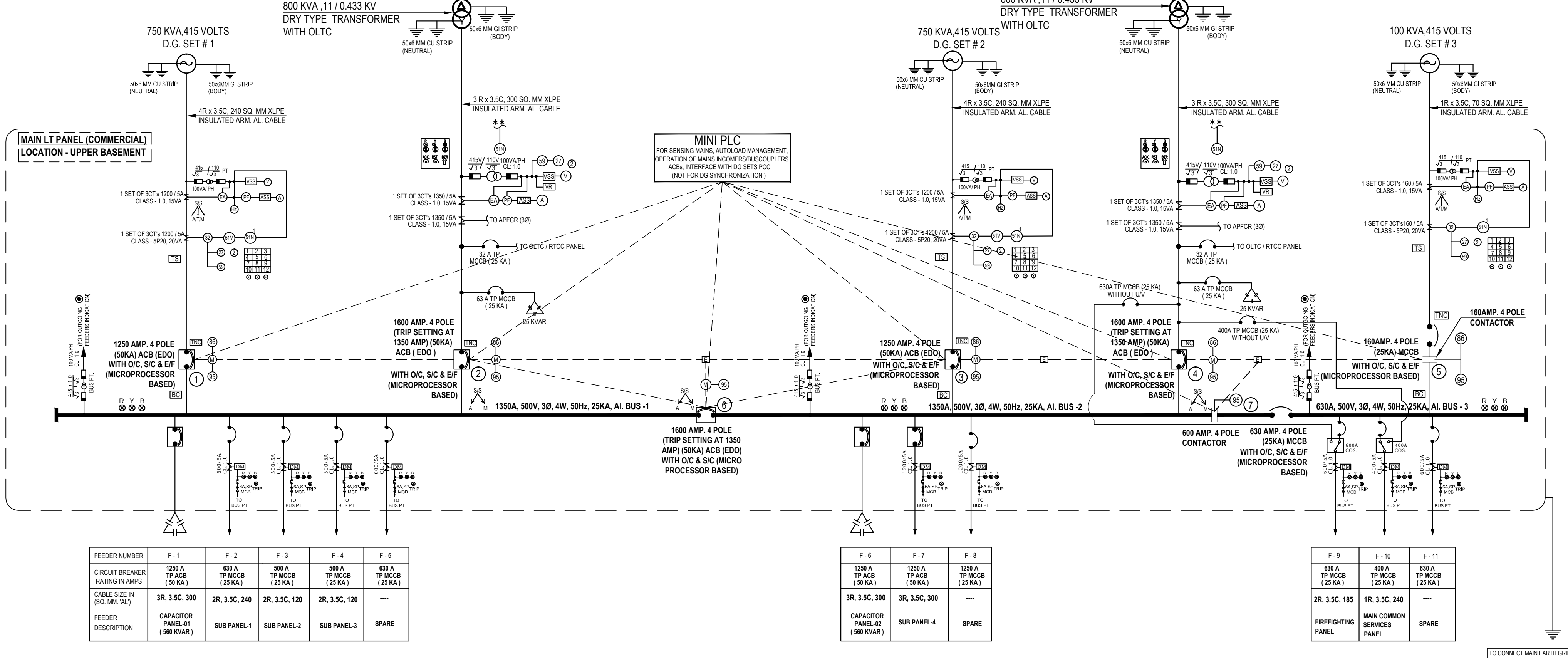
- 1) The PLC shall have a provision of Interlocking between different Incomers & Bus couplers to avoid Paralleling of two different supplies from Transformer & DG sets.
- 2) Logic to AUTO START & AUTO STOP for each DG sets.
- 3) Taking data from Energy Analysers / Meter and issuing and selecting starting command for DG set as per above logic. Further it shall also be possible to START/STOP DG sets in Manual/Test Mode.
- 4) Paralleling of DG sets have not been envisaged.
- 5) In normal case all three lamps shall be "ON" to indicate that incoming power supply is available. In case of power resumption after failure buzzer shall ring to indicate that power supply is resume, there shall be one push button to acknowledge the same.
- 6) In case of any discrepancy in interlocking scheme inform consultant before execution.

NOTE :-
FOR MAIN LT PANELS

- 1) All ACB should have Ics = Icu = Icw = 50 KA for 1 sec, fully rated at 50 deg C ambient temperature.
- 2) All ACB's shall have an inbuilt facility of O/C, S/C, Instantaneous S/C & Earth fault protection.
- 3) All ACB's shall have Auxiliary switches with 4NO + 4NC contacts.
- 4) All Incoming ACB's shall facility with LCD / LED display for event history & measurement of current parameters.
- 5) All MCCB shall be microprocessor based with inbuilt O/L & S/C release with E/F protection.
- 6) All MCCB's shall be Ics = 100% Icu.
- 7) All MCCB's shall have adjustable O/L & S/C trip setting as per load requirement.

LEGENDS	
SYMBOLS	DESCRIPTION
(59)	OVER VOLTAGE RELAY WITH TIMER
(27)	UNDER VOLTAGE RELAY WITH TIMER
(2)	TIMER
(32)	REVERSE POWER RELAY
(87)	DIFFERENTIAL RELAY
(51V)	VOLTAGE RESTRAINED OVER CURRENT RELAY
[E]	ELECTRICAL INTERLOCK
[BC]	BATTERY CHARGER
[TS]	TEMPERATURE SCANNER

LEGENDS	
SYMBOLS	DESCRIPTION
(59)	DG SET
(27)	11 KV VCB CIRCUIT BREAKER
(2)	FIXED TYPE AIR CIRCUIT BREAKER
(32)	AIR CIRCUIT BREAKER
(87)	HRC FUSES
(51V)	MOULDED CASE CIRCUIT BREAKER
(51V)	POTENTIAL TRANSFORMER
(51V)	CURRENT TRANSFORMER
(51V)	AMMETER
(51V)	VOLTMETER
(51V)	AMMETER SELECTOR SWITCH
(51V)	VOLTMETER SELECTOR SWITCH
(51V)	INDICATING LAMP
(51V)	ENERGY ANALYZER WITH MDI
(51V)	POWER FACTOR METER
(51V)	FREQUENCY METER
(51V)	ELECTRICAL/MECHANICAL INTERLOCK
(51V)	CAPACITOR
(51V)	VOLTAGE RELAY
(51V)	CHANGE OVER SWITCH
(51V)	M.C.B. (MINIATURE CIRCUIT BREAKER)
(51V)	DUAL ENERGY METER WITH RS 485 COMM. PORT
(51V)	ISOLATOR
(51V)	PUSH BUTTON
(51V)	SELECTOR SWITCH
(51V)	TRIP/NORMAL/CLOSE SWITCH WITH LOST MOTION DEVICE
(51V)	ANUNCIATION WINDOW WITH
(51V)	IDMT EARTH FAULT RELAY
(51V)	SENSITIVE EARTH FAULT RELAY
(51V)	VOLTAGE RESTRAINED OVER CURRENT RELAY
(51V)	MASTER TRIP RELAY
(51V)	OVER VOLTAGE RELAY
(51V)	TRIP CIRCUIT SUPERVISION RELAY
(51V)	INST. O/C RELAY
(51V)	IDMT RELAY
(51V)	IDMT & INSTANTANEOUS RELAY
(51V)	OVER VOLTAGE RELAY WITH TIMER
(51V)	UNDER VOLTAGE RELAY WITH TIMER
(51V)	RESTRICTED EARTH FAULT RELAY
(51V)	TIMER
(51V)	REVERSE POWER RELAY



FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5
CIRCUIT BREAKER RATING IN AMPS	1250 A TP ACB (50 KA)	630 A TP MCCB (25 KA)	500 A TP MCCB (25 KA)	500 A TP MCCB (25 KA)	630 A TP MCCB (25 KA)
CABLE SIZE IN (SQ. MM. AL)	3R, 3.5C, 300	2R, 3.5C, 240	2R, 3.5C, 120	2R, 3.5C, 120	---
FEEDER DESCRIPTION	CAPACITOR PANEL-01 (560 KVAR)	SUB PANEL-1	SUB PANEL-2	SUB PANEL-3	SPARE

FEEDER NUMBER	F-6	F-7	F-8
CIRCUIT BREAKER RATING IN AMPS	1250 A TP ACB (50 KA)	1250 A TP ACB (50 KA)	1250 A TP MCCB (25 KA)
CABLE SIZE IN (SQ. MM. AL)	3R, 3.5C, 300	3R, 3.5C, 300	---
FEEDER DESCRIPTION	CAPACITOR PANEL-02 (560 KVAR)	SUB PANEL-4	SPARE

FEEDER NUMBER	F-9	F-10	F-11
CIRCUIT BREAKER RATING IN AMPS	630 A TP MCCB (25 KA)	400 A TP MCCB (25 KA)	630 A TP MCCB (25 KA)
CABLE SIZE IN (SQ. MM. AL)	2R, 3.5C, 185	1R, 3.5C, 240	---
FEEDER DESCRIPTION	FIREFIGHTING PANEL	MAIN COMMON SERVICES PANEL	SPARE

R2	20-01-2018	REVISED DUE TO REVISION IN ELECTRICAL LOAD
R1	17-07-2017	MAIN COMMON SERVICES PANEL FEEDER CHANGE
R0	27-06-2016	ISSUED FOR CONSTRUCTION
rev. no.	date	revision

project

CLOUD-9 (COMMERCIAL)
AT SECTOR-1, VAISHALI, GHAZIABAD"

title

EXTERNAL ELECTRICAL DRAWING

subtitle

MAIN SCHEMATIC DIAGRAM

drawing released for

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drg. no.

C9_C/EXT./ELEC-03

scale

N.T.S.

date

June 2016

drawn by

Satyam Sharma

designed by

M.Mansoor

checked by

Anand Havelia

architects

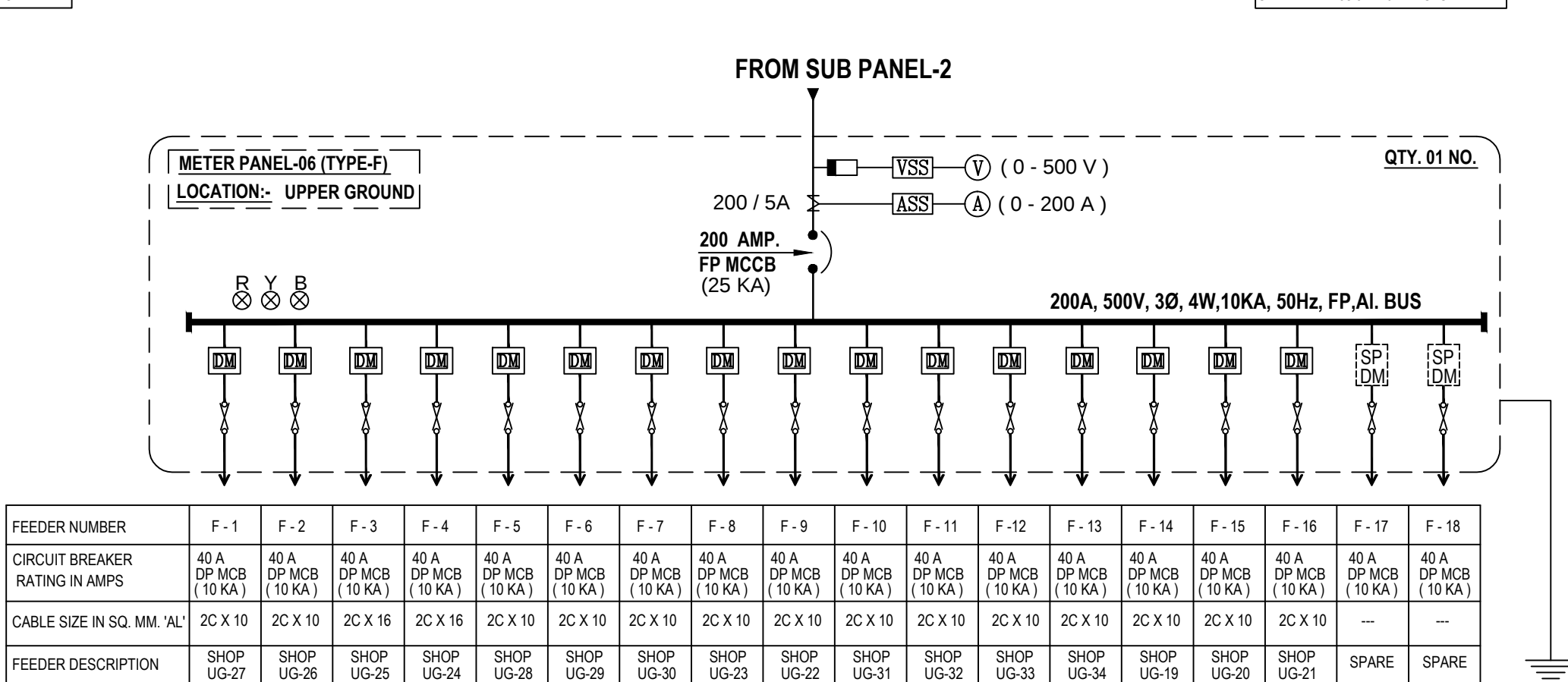
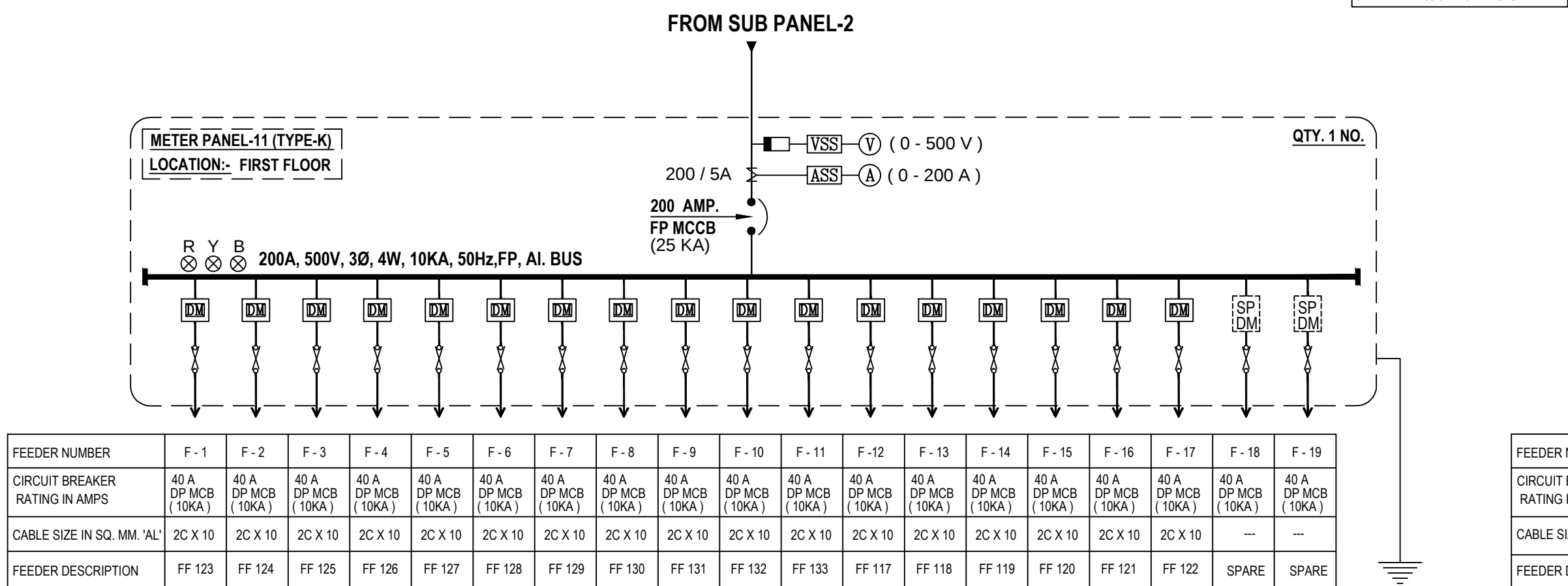
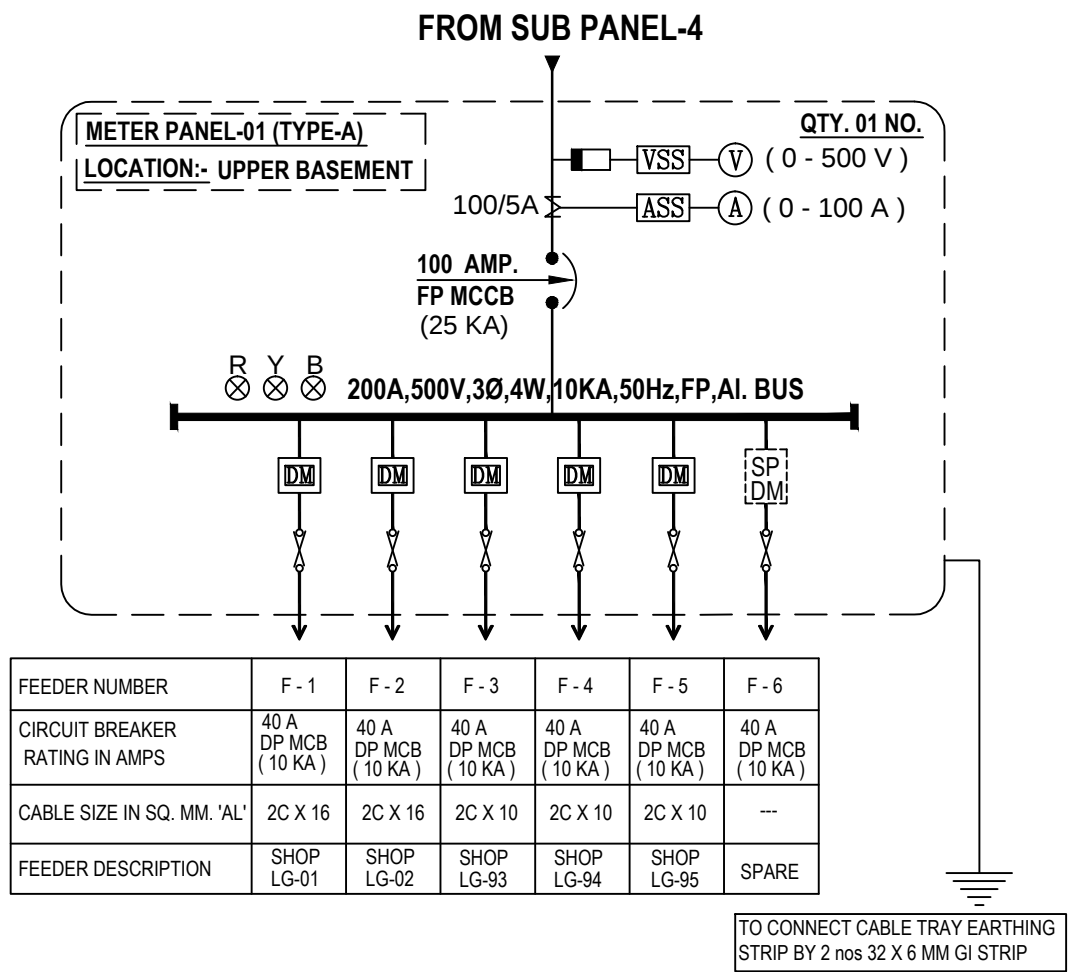
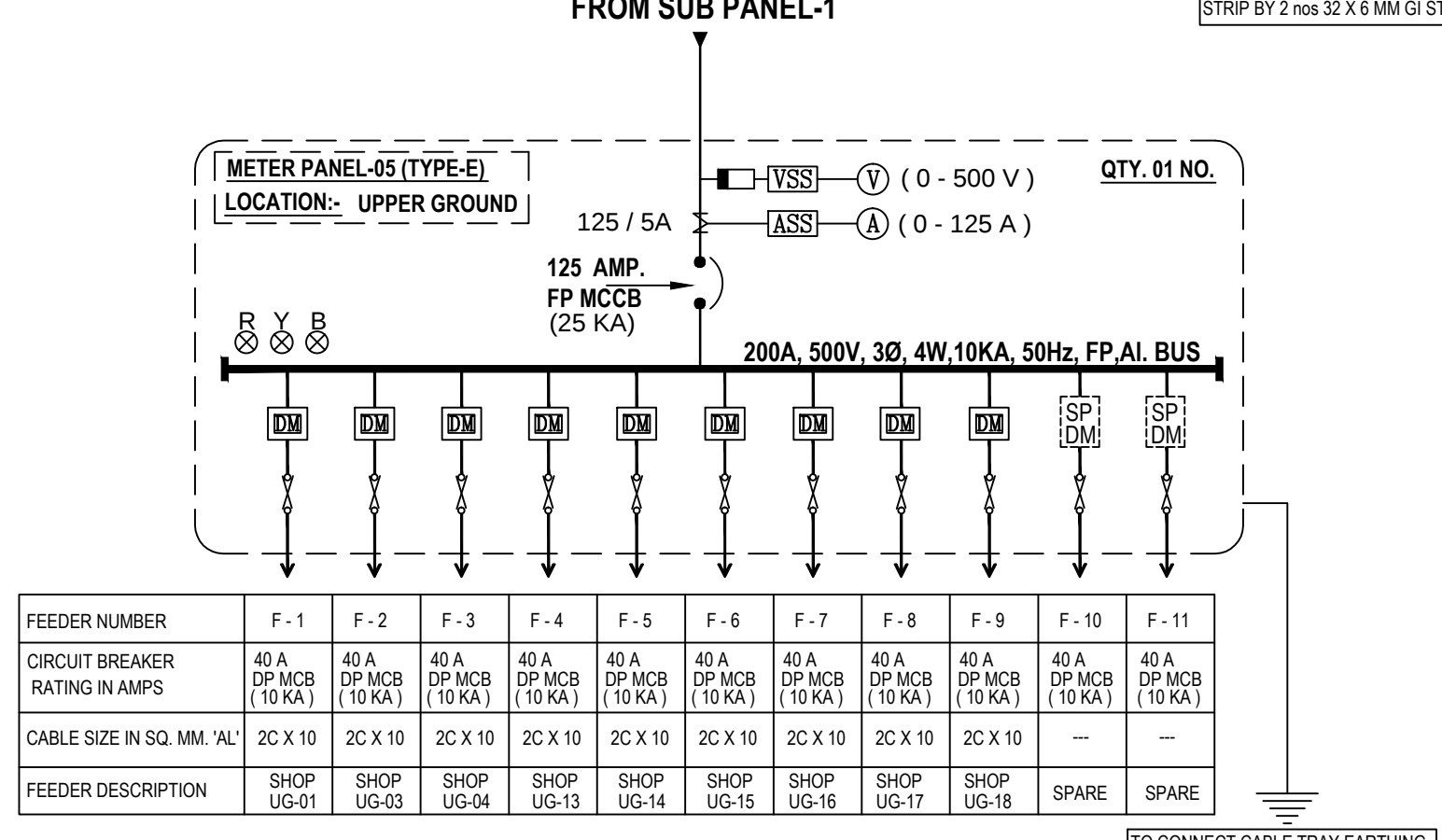
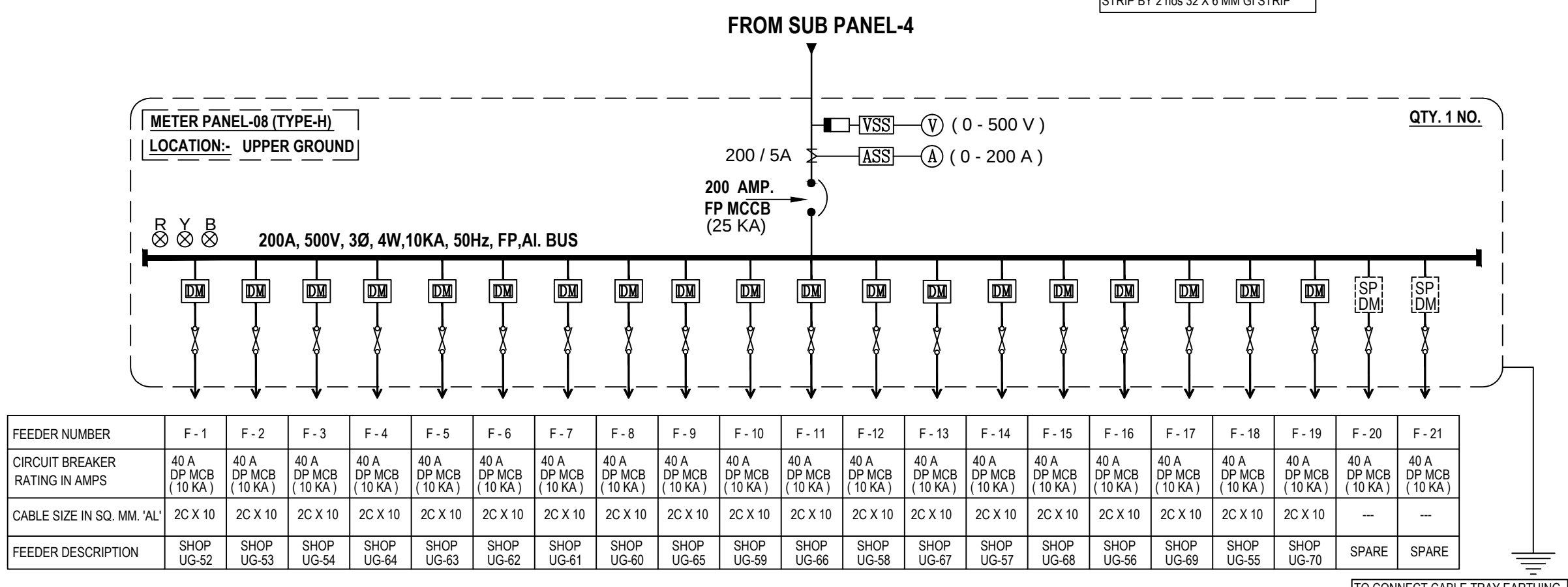
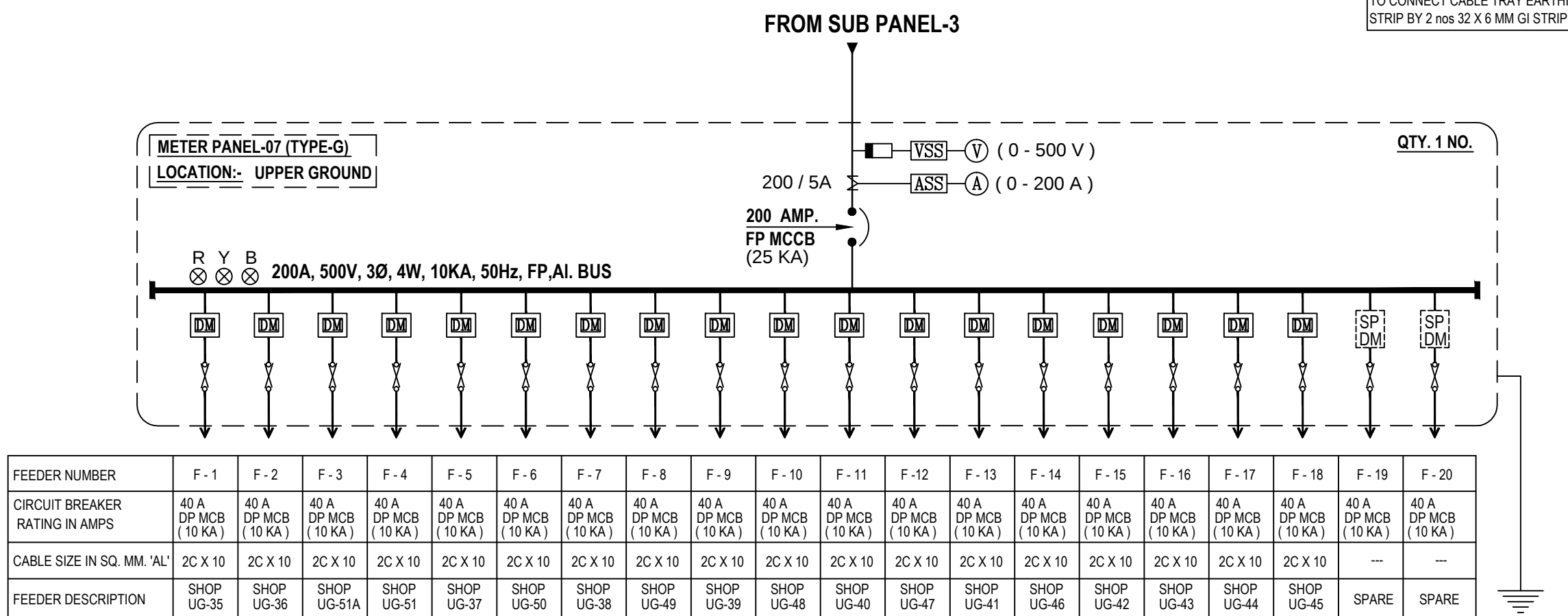
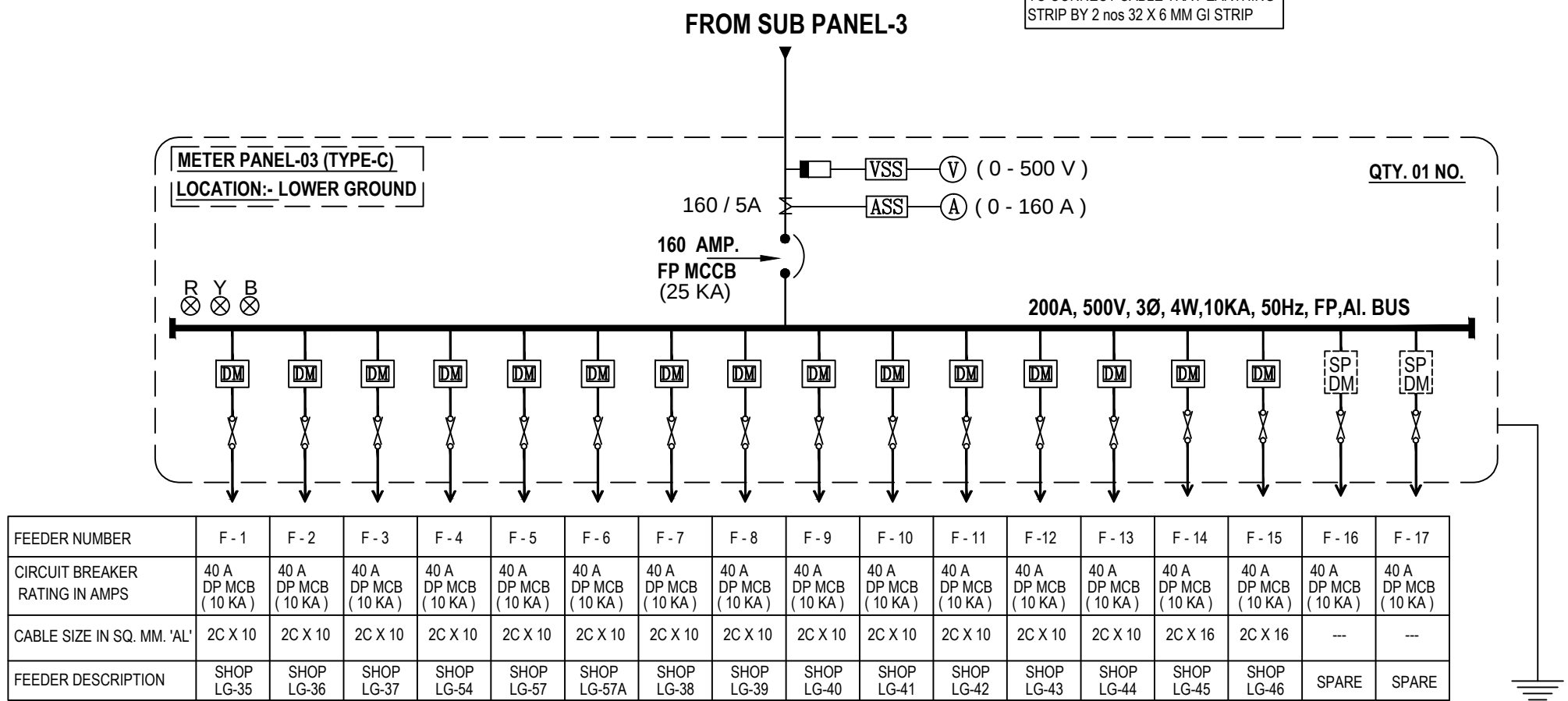
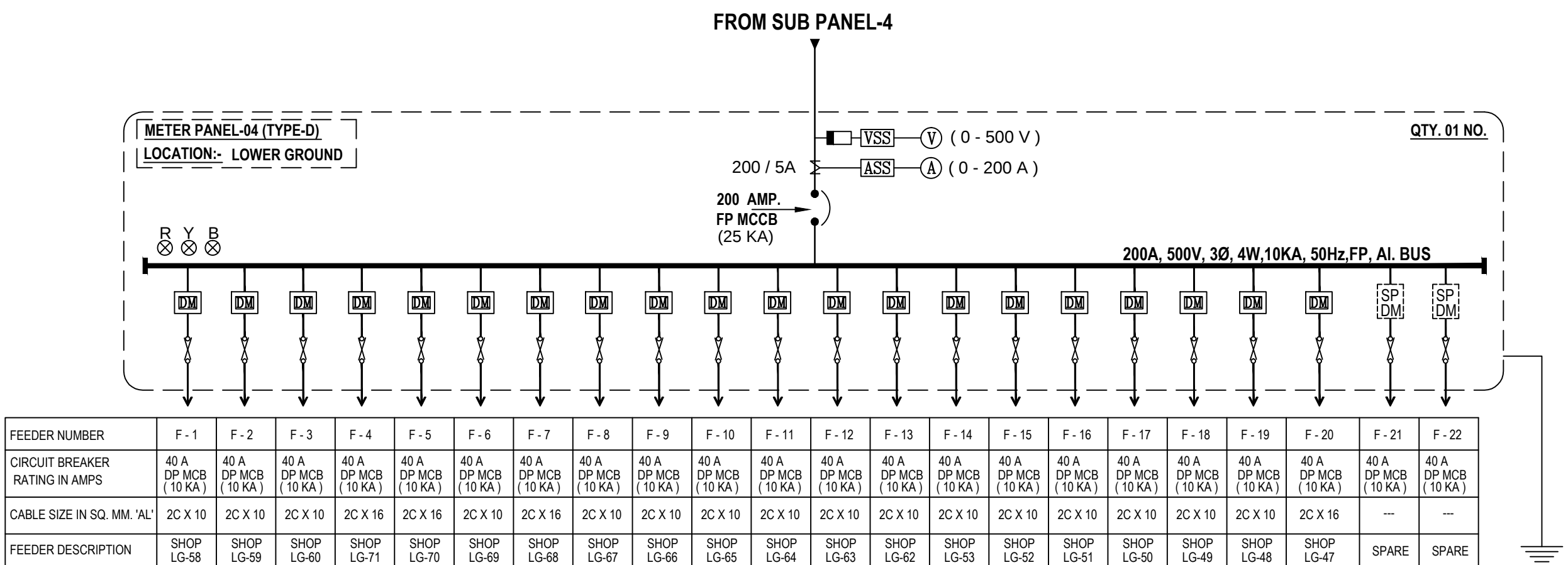
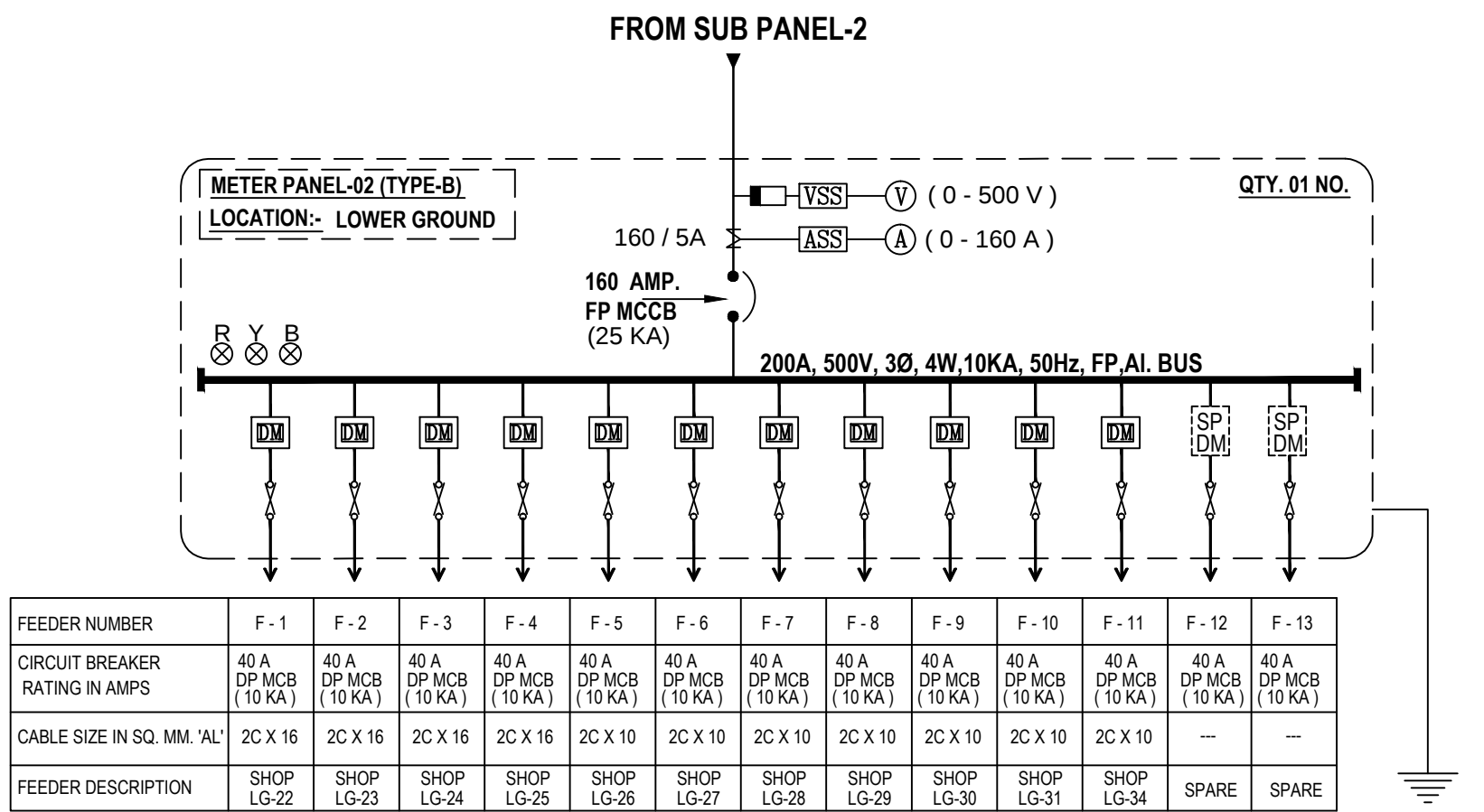
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cespl
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LEGENDS	
SYMBOLS	DESCRIPTION
	HRC FUSES
	MOULDED CASE CIRCUIT BREAKER
	CURRENT TRANSFORMER
	AMMETER
	VOLTMETER
	AMMETER SELECTOR SWITCH
	VOLTMETER SELECTOR SWITCH
	INDICATING LAMP
	ENERGY ANALYZER WITH MDI
	POWER FACTOR METER
	FREQUENCY METER
	M.C.B. (MINIATURE CIRCUIT BREAKER)
	PUSH BUTTON
	ELECTRONIC METER DUAL REGISTER, PREPAID, 3 PHASE
	ELECTRONIC METER DUAL REGISTER, PREPAID, 1 PHASE
	SPACE FOR DUAL REGISTER, PREPAID, 1 PHASE/ 3 PHASE, ELECTRONIC METER



R1	20.01.2018	REVISED DUE TO LOAD REVISION
R0	09.06.2016	ISSUED FOR CONSTRUCTION
rev. no.	date	revision

project
CLOUD 9 COMMERCIAL
AT SECTOR-1, VAISHALI, GHAZIABAD*

title
EXTERNAL ELECTRICAL DRAWING

subtitle
METER PANEL SLD

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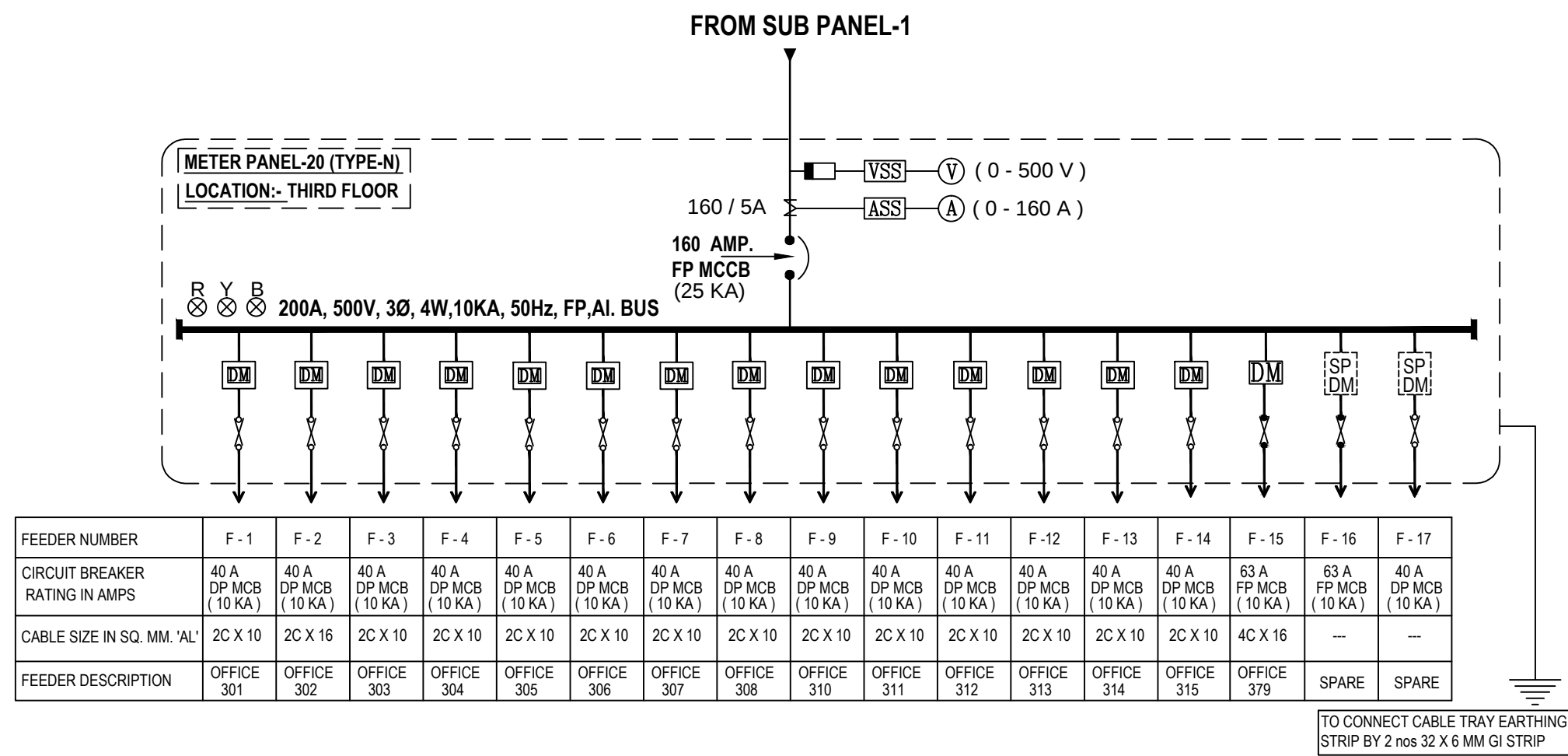
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scale N.T.S. designed by M. Mansoor

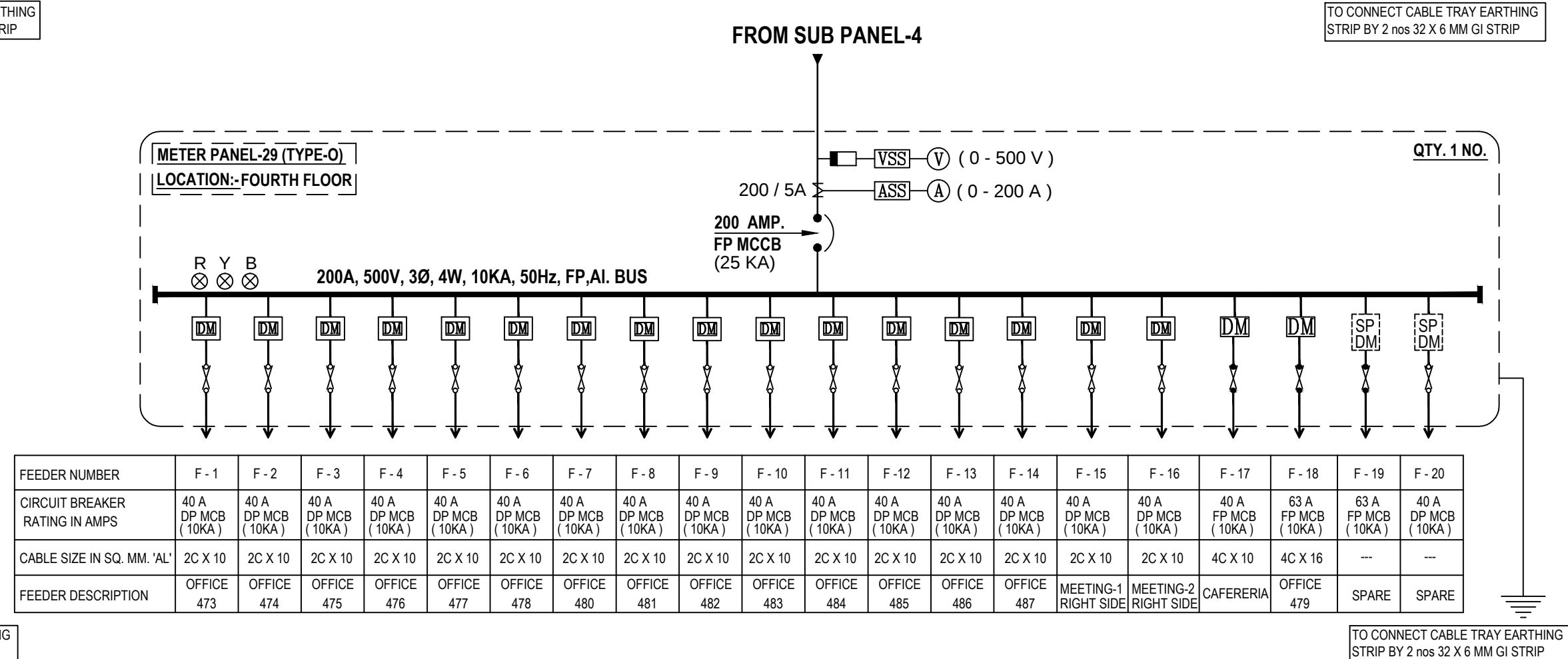
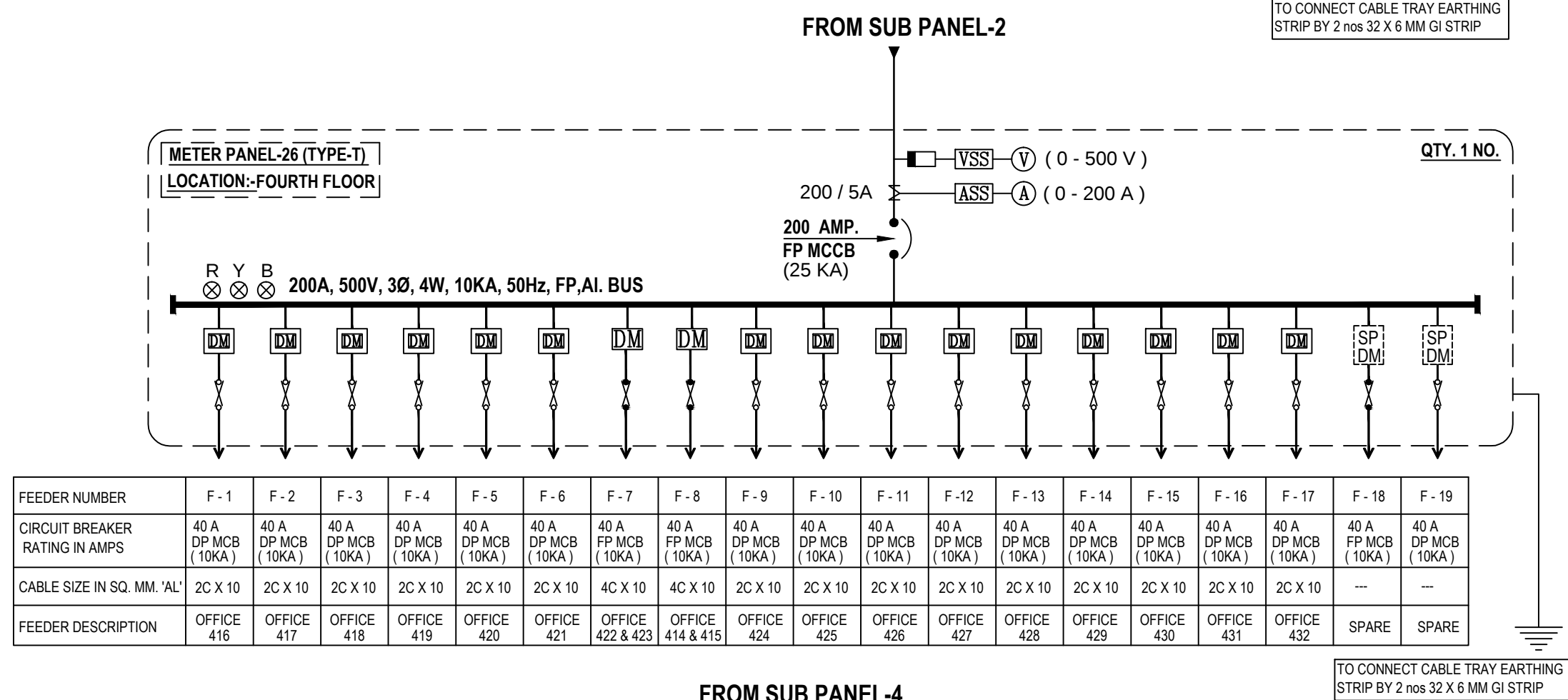
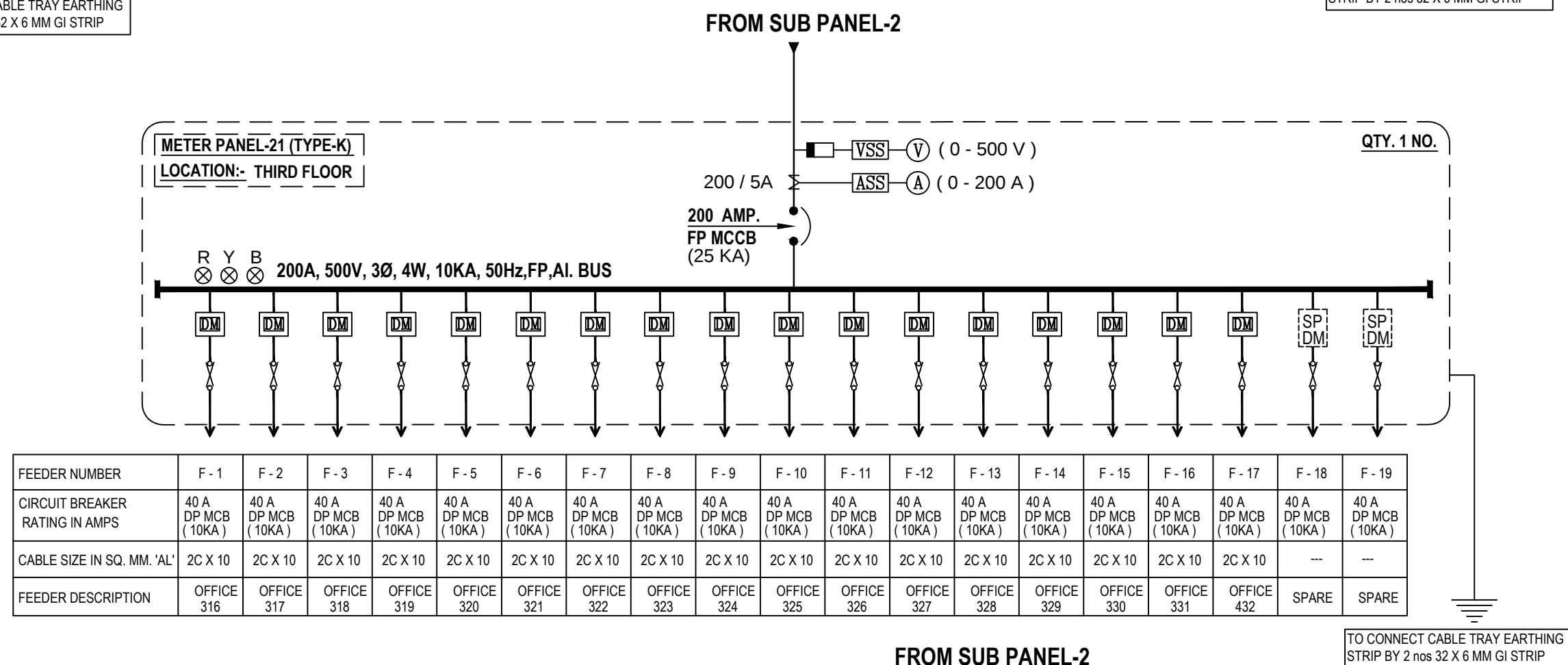
date June, 2016 checked by Anand Havella

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LEGENDS	
SYMBOLS	DESCRIPTION
	HRC FUSES
	MOULDED CASE CIRCUIT BREAKER
	CURRENT TRANSFORMER
	AMMETER
	VOLTMETER
	AMMETER SELECTOR SWITCH
	VOLTMETER SELECTOR SWITCH
	INDICATING LAMP
	ENERGY ANALYZER WITH MDI
	POWER FACTOR METER
	FREQUENCY METER
	M.C.B. (MINIATURE CIRCUIT BREAKER)
	PUSH BUTTON
	ELECTRONIC METER DUAL REGISTER, PREPAID, 3 PHASE
	ELECTRONIC METER DUAL REGISTER, PREPAID, 1 PHASE
	SPACE FOR DUAL REGISTER, PREPAID, 1 PHASE/ ELECTRONIC METER



R1	20.01.2018	REVISED DUE TO LOAD REVISION
R0	09.06.2016	ISSUED FOR CONSTRUCTION
rev. no.	date	revision

project
CLOUD 9 COMMERCIAL
AT SECTOR-1, VAISHALI, GHAZIABAD"

title
EXTERNAL ELECTRICAL DRAWING

subtitle
METER PANEL SLD

drawing released for

☐ APPROVAL	☐ SUBMISSION
☐ ADVANCE	☒ CONSTRUCTION

drg. no. CL-9 / EXT./ELEC.-07 drawn by Satyam Sharma

scale	N.T.S.	designed by	M. Mansour
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architects
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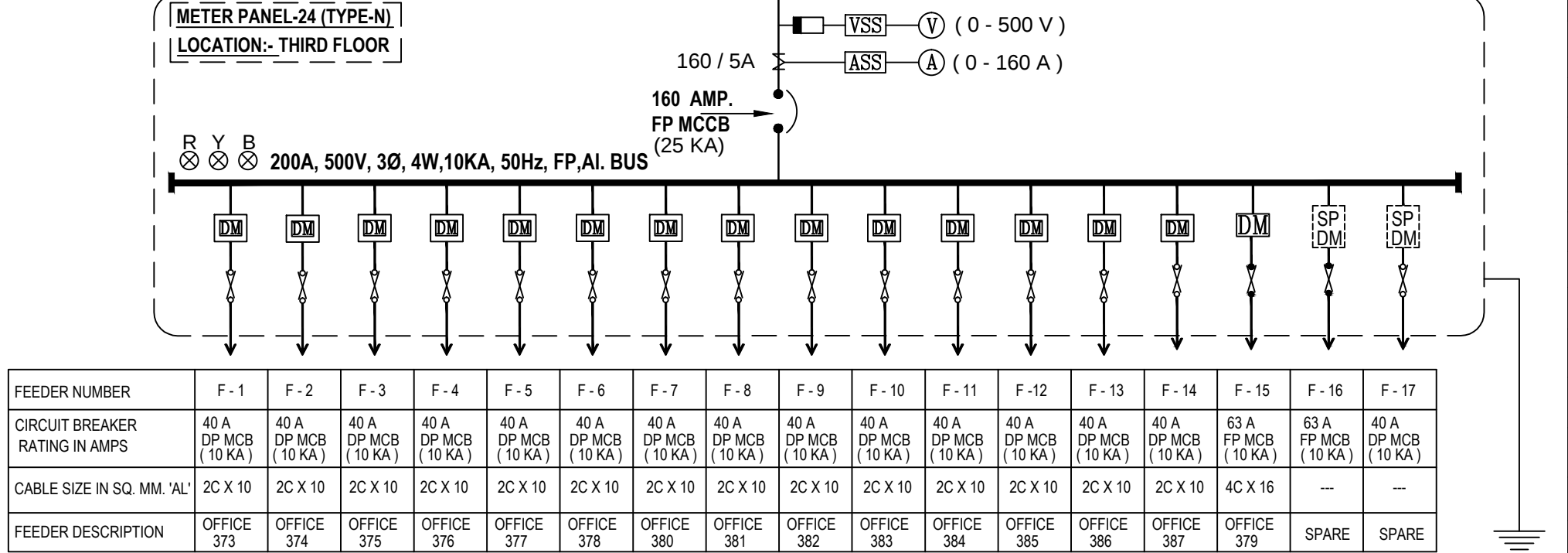
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LEGENDS	
SYMBOLS	DESCRIPTION
	HRC FUSES
	MOULDED CASE CIRCUIT BREAKER
	CURRENT TRANSFORMER
	AMMETER
	VOLTMETER
	AMMETER SELECTOR SWITCH
	VOLTMETER SELECTOR SWITCH
	INDICATING LAMP
	ENERGY ANALYZER WITH MDI
	POWER FACTOR METER
	FREQUENCY METER
	M.C.B. (MINIATURE CIRCUIT BREAKER)
	PUSH BUTTON
	ELECTRONIC METER DUAL REGISTER, PREPAID, 3 PHASE
	ELECTRONIC METER DUAL REGISTER, PREPAID, 1 PHASE
	SPACE FOR DUAL REGISTER, PREPAID, 1 PHASE/ 3 PHASE, ELECTRONIC METER

FROM SUB PANEL-4

METER PANEL-24 (TYPE-N)
LOCATION:- THIRD FLOOR

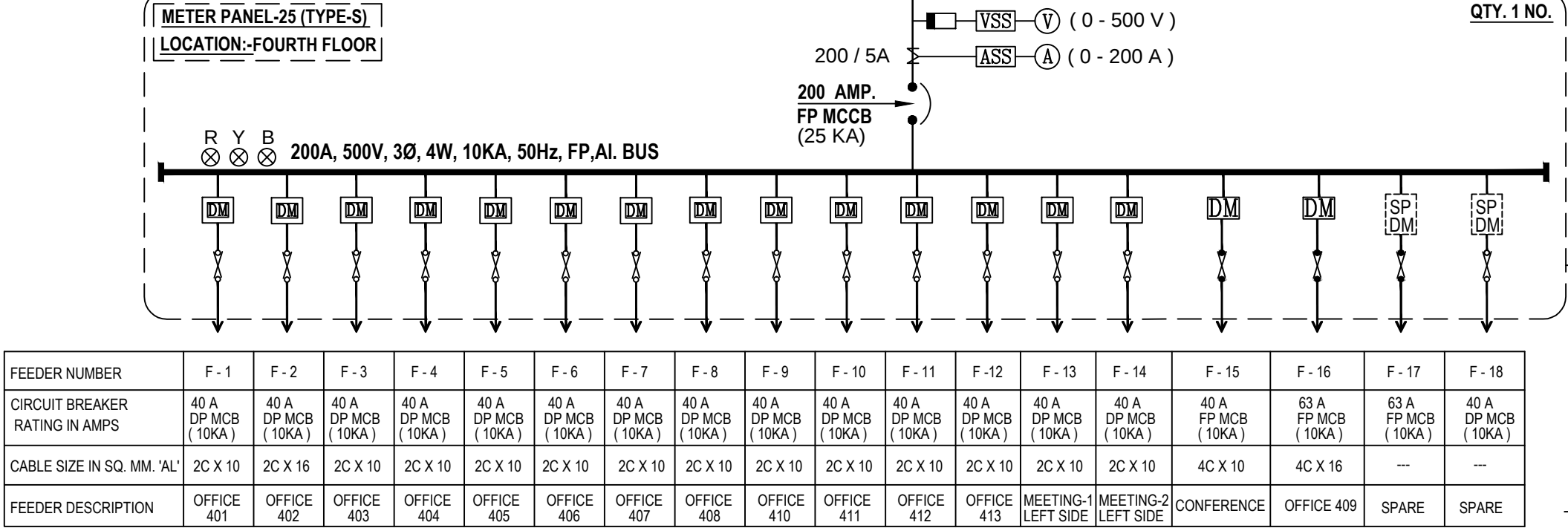


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	63 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 16	---
FEEDER DESCRIPTION	OFFICE 373	OFFICE 374	OFFICE 375	OFFICE 376	OFFICE 377	OFFICE 378	OFFICE 380	OFFICE 381	OFFICE 382	OFFICE 383	OFFICE 384	OFFICE 385	OFFICE 386	OFFICE 387	OFFICE 379	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-1

METER PANEL-25 (TYPE-S)
LOCATION:-FOURTH FLOOR

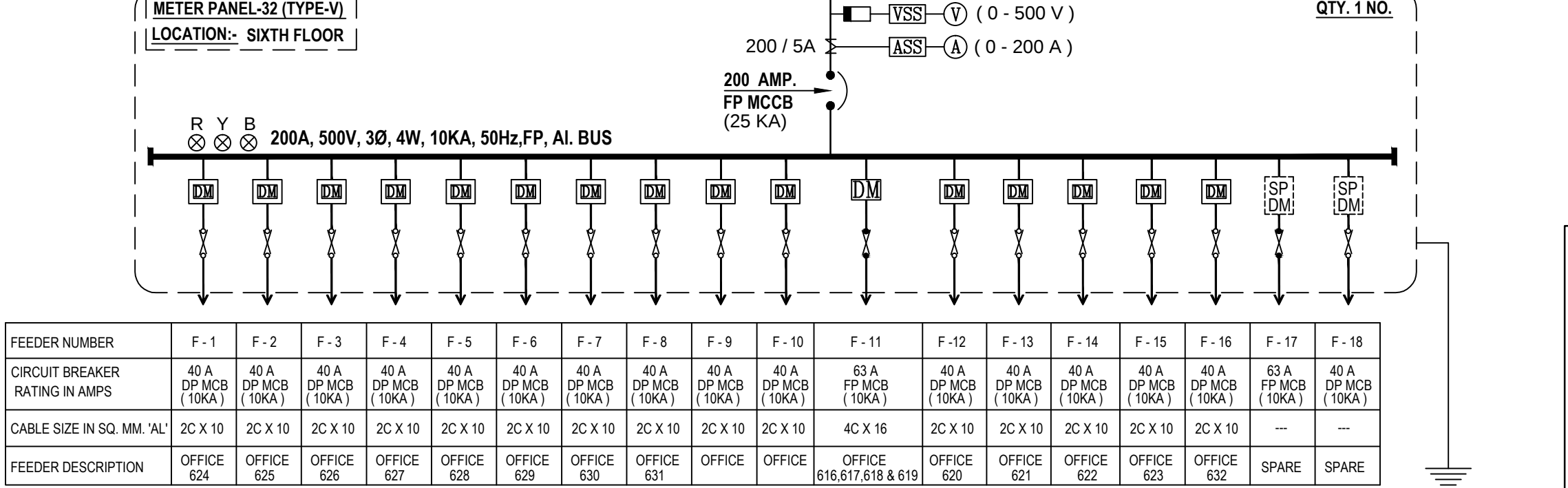


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	63 A DP MCB (10 KA)	63 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 16	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 10	4C X 16	---	---
FEEDER DESCRIPTION	OFFICE 401	OFFICE 402	OFFICE 403	OFFICE 404	OFFICE 405	OFFICE 406	OFFICE 407	OFFICE 408	OFFICE 410	OFFICE 411	OFFICE 412	OFFICE 413	MEETING-1 LEFT SIDE	MEETING-2 LEFT SIDE	CONFERENCE	OFFICE 409	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-2

METER PANEL-32 (TYPE-V)
LOCATION:- SIXTH FLOOR

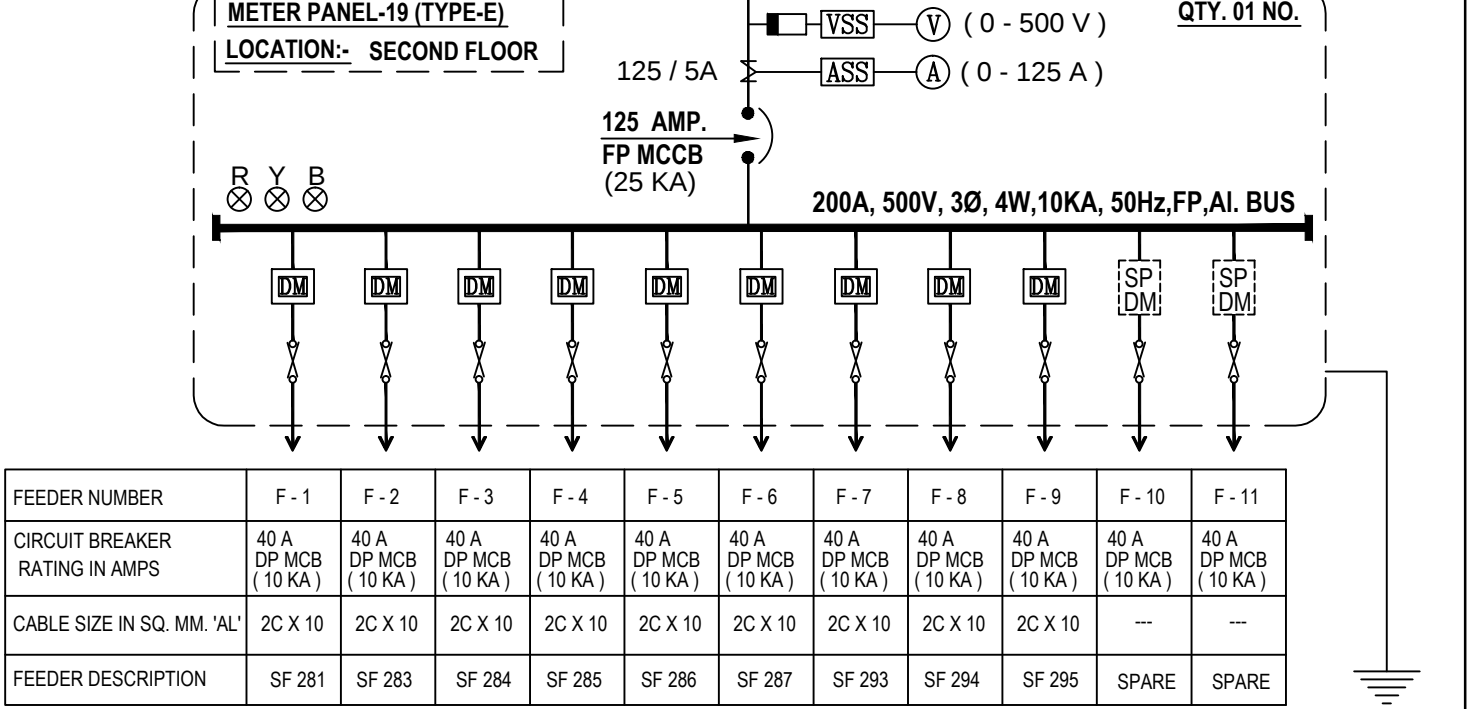


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	63 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	63 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 16	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	---	---
FEEDER DESCRIPTION	OFFICE 624	OFFICE 625	OFFICE 626	OFFICE 627	OFFICE 628	OFFICE 629	OFFICE 630	OFFICE 631	OFFICE 632	OFFICE 616,617,618 & 619	OFFICE 620	OFFICE 621	OFFICE 622	OFFICE 623	OFFICE 632	SPARE	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-4

METER PANEL-19 (TYPE-E)
LOCATION:- SECOND FLOOR

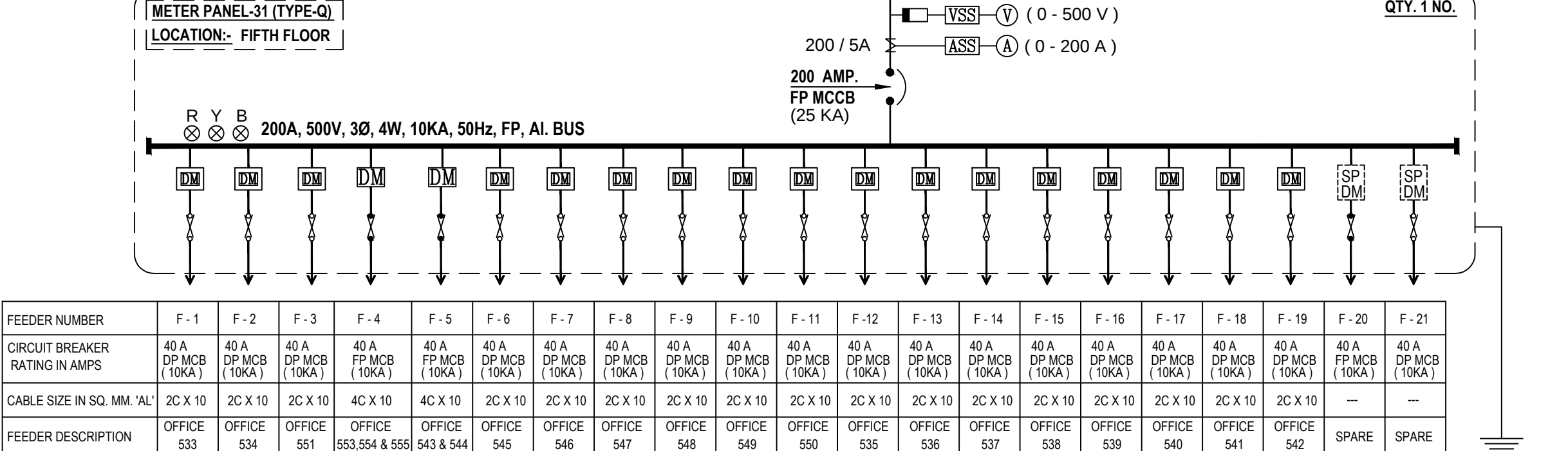


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	---
FEEDER DESCRIPTION	SF 281	SF 283	SF 284	SF 285	SF 286	SF 287	SF 293	SF 294	SF 295	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-3

METER PANEL-31 (TYPE-Q)
LOCATION:- FIFTH FLOOR

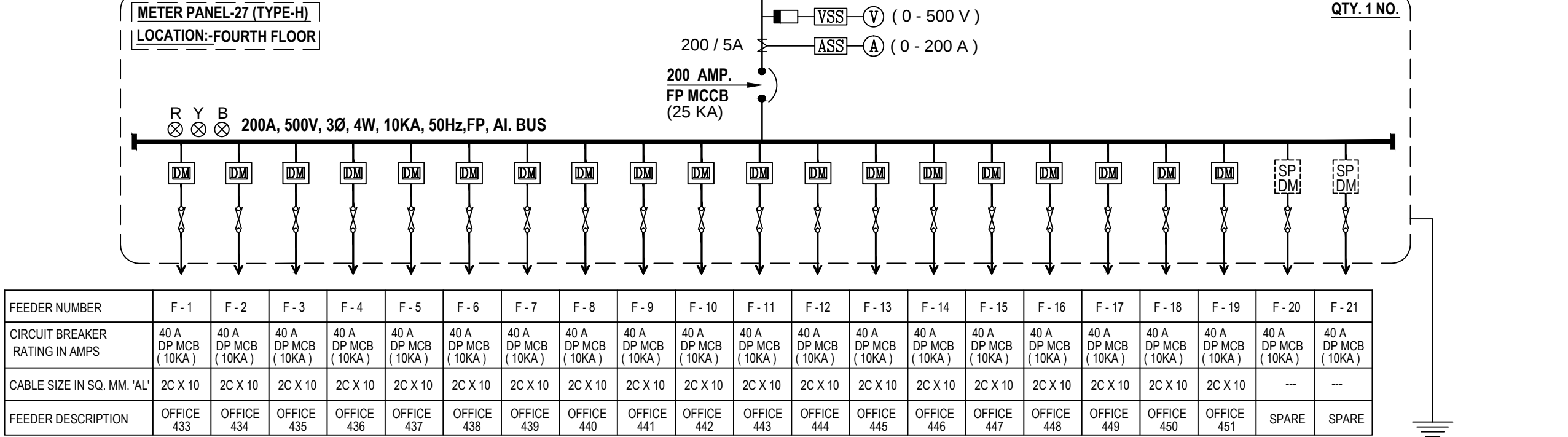


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	4C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	---	---
FEEDER DESCRIPTION	OFFICE 533	OFFICE 534	OFFICE 551	553,554 & 555	543 & 544	545	546	547	548	549	550	535	536	537	538	539	540	541	542	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-3

METER PANEL-27 (TYPE-H)
LOCATION:-FOURTH FLOOR

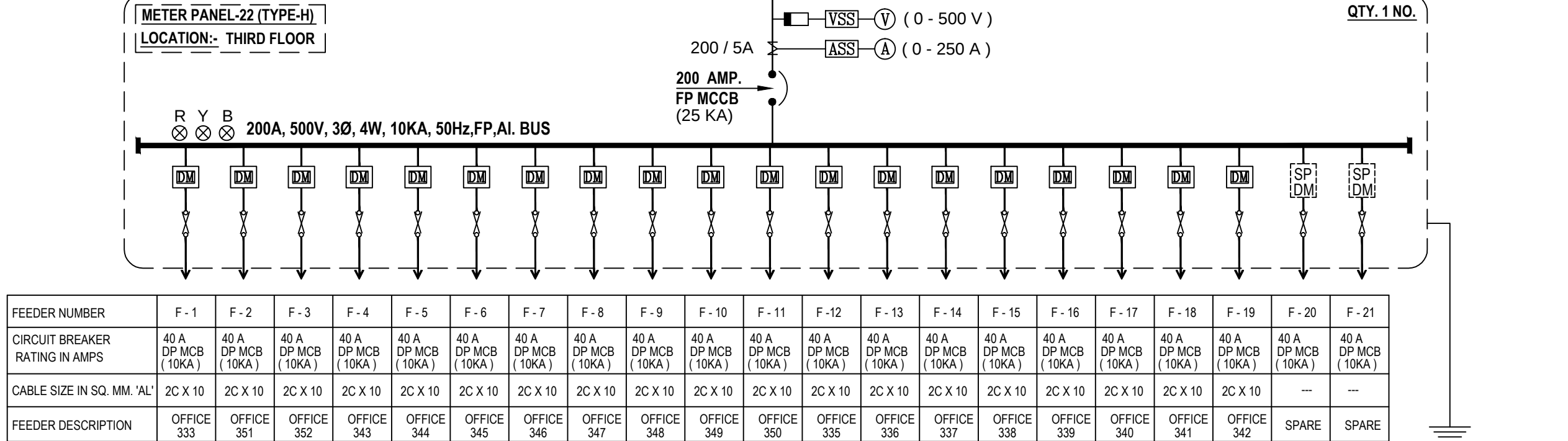


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	---	---
FEEDER DESCRIPTION	OFFICE 433	OFFICE 434	OFFICE 435	OFFICE 436	OFFICE 437	OFFICE 438	OFFICE 439	OFFICE 440	OFFICE 441	OFFICE 442	OFFICE 443	OFFICE 444	OFFICE 445	OFFICE 446	OFFICE 447	OFFICE 448	OFFICE 449	OFFICE 450	OFFICE 451	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-3

METER PANEL-22 (TYPE-H)
LOCATION:- THIRD FLOOR

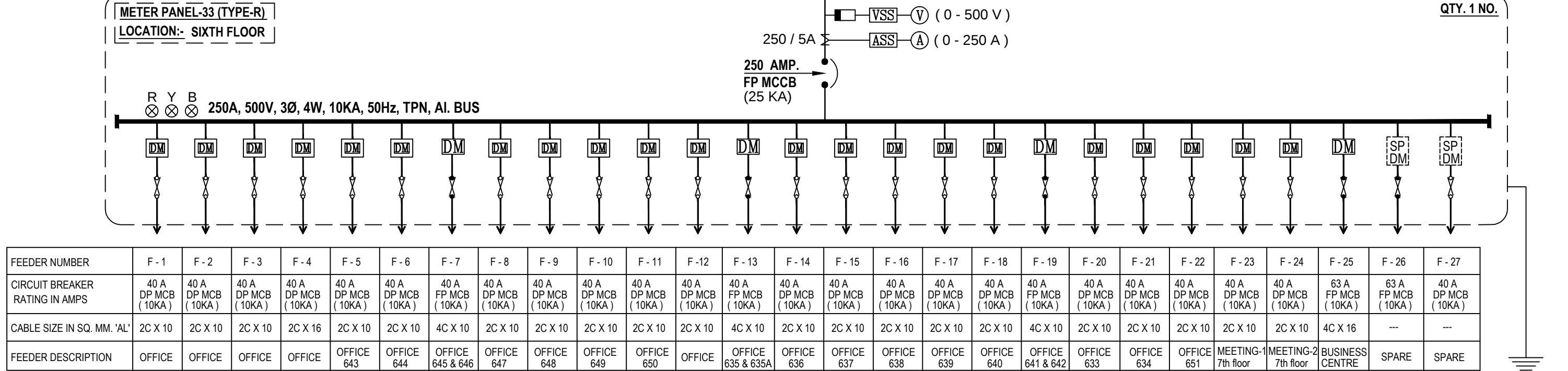


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)	40 A DP MCB (10 KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	---	---
FEEDER DESCRIPTION	OFFICE 333	OFFICE 351	OFFICE 352	OFFICE 343	OFFICE 344	OFFICE 345	OFFICE 346	OFFICE 347	OFFICE 348	OFFICE 349	OFFICE 350	OFFICE 355	OFFICE 336	OFFICE 337	OFFICE 338	OFFICE 339	OFFICE 340	OFFICE 341	OFFICE 342	SPARE	SPARE

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

FROM SUB PANEL-3

METER PANEL-33 (TYPE-R)
LOCATION:- SIXTH FLOOR



FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21	F-22	F-23	F-24	F-25	F-26	F-27
CIRCUIT BREAKER RATING IN AMPS	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	40 A DP MCB (10KA)	63 A DP MCB (10KA)	63 A DP MCB (10KA)	40 A DP MCB (10KA)
CABLE SIZE IN SQ. MM. 'AL'	2C X 10	2C X 10	2C X 10	2C X 16	2C X 10	2C X 10	4C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 10	2C X 10	2C X 10	2C X 10	2C X 10	4C X 16	---	---
FEEDER DESCRIPTION	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE 643	OFFICE 644	OFFICE 645 & 646	OFFICE 647	OFFICE 648	OFFICE 649	OFFICE 650	OFFICE 635 & 635A	OFFICE 636	OFFICE 637	OFFICE 638	OFFICE 639	OFFICE 640	OFFICE 641 & 642	OFFICE 633	OFFICE 634	OFFICE 651	MEETING-1 7th floor	MEETING-2 7th floor	BUSINESS CENTRE	SPARE	SPARE	

TO CONNECT CABLE TRAY EARTHING STRIP BY 2 nos 32 X 6 MM GI STRIP

R1	20.01.2018	REVISED DUE TO LOAD REVISION
R0	09.06.2016	ISSUED FOR CONSTRUCTION
rev. no.	date	revision

project
CLOUD 9 COMMERCIAL
AT SECTOR-1, VAISHALI, GHAZIABAD"

title
EXTERNAL ELECTRICAL DRAWING

subtitle
METER PANEL SLD

drawing released for
☐ APPROVAL
☐ ADVANCE
☐ SUBMISSION
☒ CONSTRUCTION

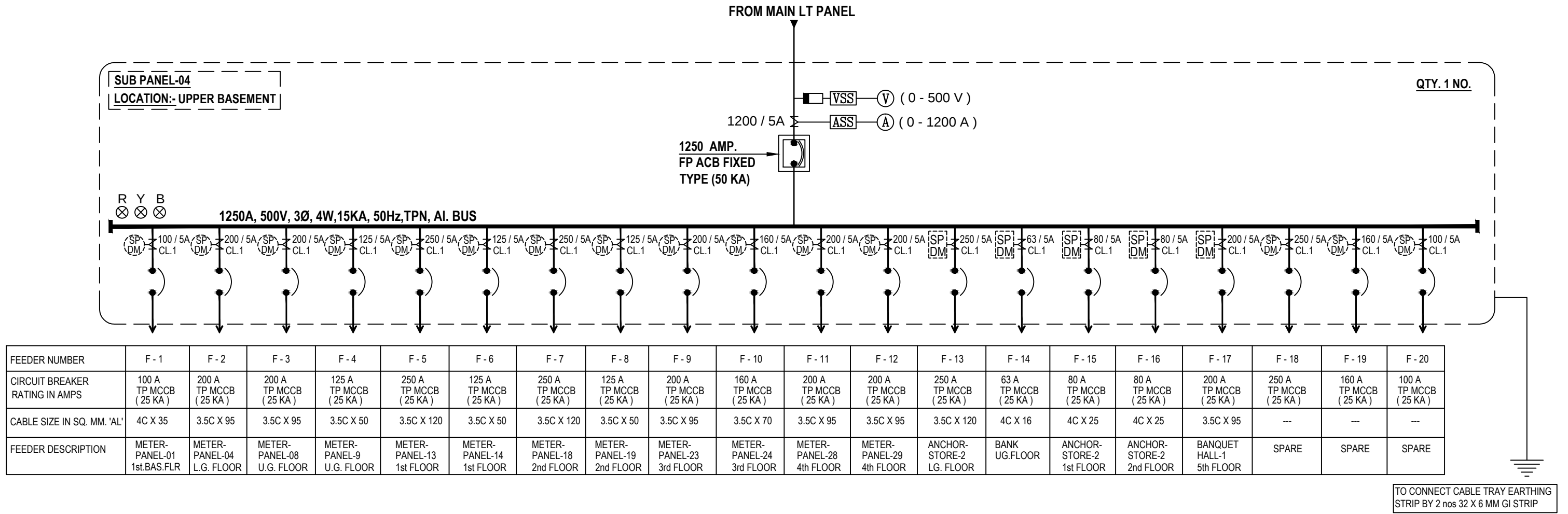
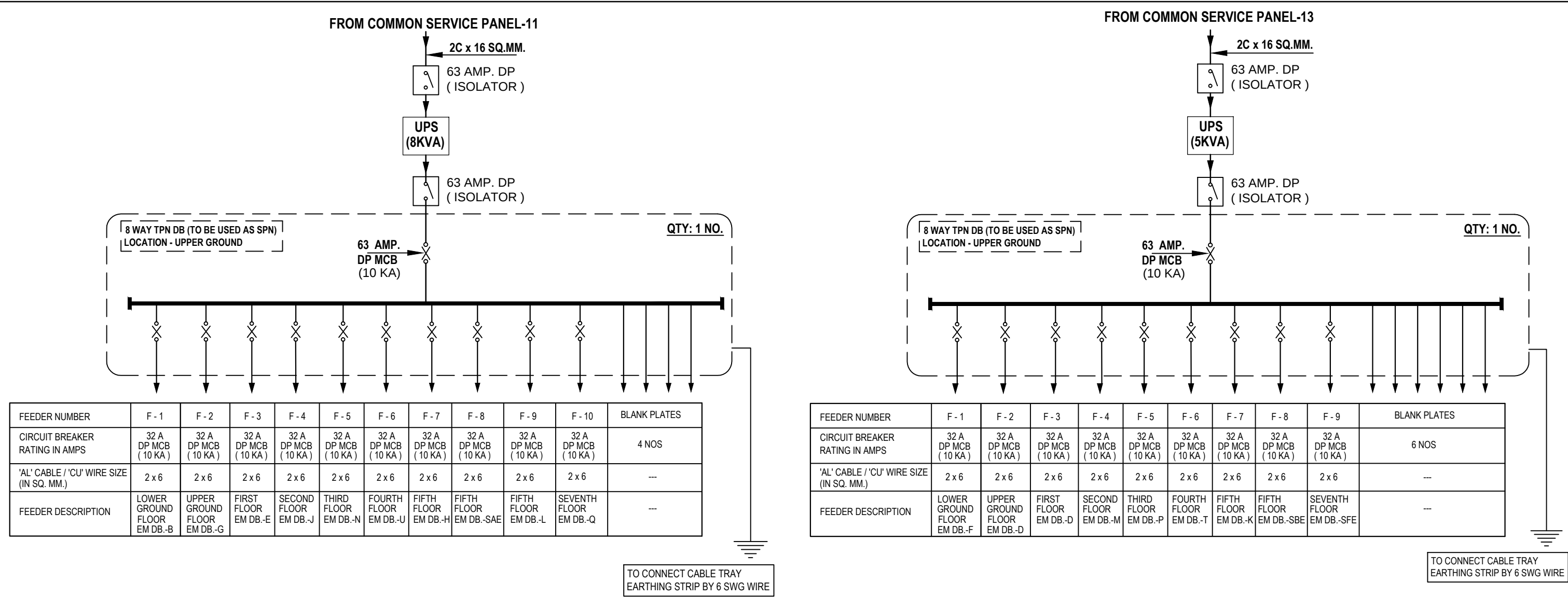
drg. no. CL-9 / EXT / ELEC-08 drawn by Satyam Sharma

scale N.T.S. designed by M. Mansoor

date June, 2016 checked by Anand Havella

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LEGENDS	
SYMBOLS	DESCRIPTION
	HRC FUSES
	MOULDED CASE CIRCUIT BREAKER
	CURRENT TRANSFORMER
	AMMETER
	VOLTMETER
	AMMETER SELECTOR SWITCH
	VOLTMETER SELECTOR SWITCH
	INDICATING LAMP
	ENERGY ANALYZER WITH MDI
	POWER FACTOR METER
	FREQUENCY METER
	M.C.B. (MINIATURE CIRCUIT BREAKER)
	POWER CONTACTOR
	PUSH BUTTON
	SPACE FOR DUAL REGISTER, 3 PHASE , ELECTRONIC METER
	SPACE FOR DUAL REGISTER,PREPAID 3 PHASE , ELECTRONIC METER

R0	20.01.2018	REVISED DUE TO LOAD REVISION
R0	27.06.2016	ISSUED FOR CONSTRUCTION
rev. no.	date	revision

project
CLOUD 9 COMMERCIAL
AT SECTOR-1, VAISHALI, GHAZIABAD"

title
EXTERNAL ELECTRICAL DRAWING

subtitle
SUB PANEL DETAIL

drawing released for
☐ APPROVAL ☐ SUBMISSION
☐ ADVANCE COPY ☒ CONSTRUCTION

drg. no. C9 C/ EXT. / ELEC.-09 drawn by Samsher Singh

scale N.T.S.@A2 designed by M.Mansoor

date June_2016 checked by Anand Havelia

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