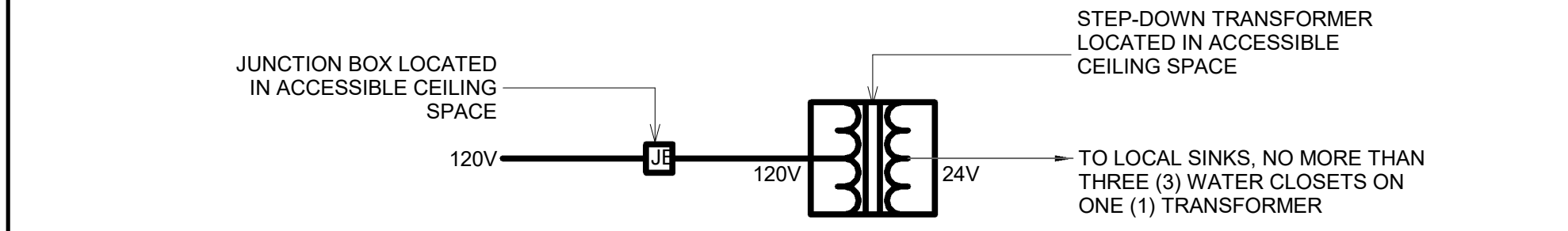


### 1 ELECTRICAL CONNECTION TO EXHAUST FANS

E03-03 SCALE: NTS



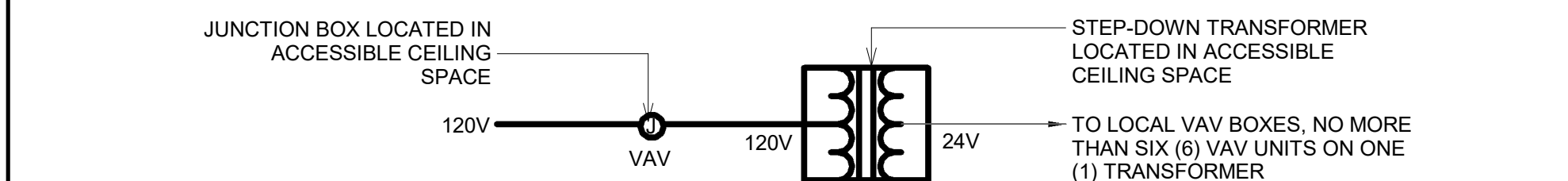
- DETAILS NOTES:
- 120V JUNCTION BOX SHALL BE LOCATED IN CLOSE PROXIMITY TO STEP-DOWN TRANSFORMER. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE THE CORRECT NUMBER OF STEP-DOWN TRANSFORMERS TO SUIT THE NUMBER OF SINKS.

SCOPE OF WORK:

- BY ELECTRICAL CONTRACTOR
- BY MECHANICAL CONTRACTOR

### 2 ELECTRICAL CONNECTION TO SINKS

E03-03 SCALE: NTS



- DETAILS NOTES:
- 120V JUNCTION BOX SHALL BE LOCATED IN CLOSE PROXIMITY TO STEP-DOWN TRANSFORMER. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE THE CORRECT NUMBER OF STEP-DOWN TRANSFORMERS TO SUIT THE NUMBER OF VAV UNITS.

SCOPE OF WORK:

- BY ELECTRICAL CONTRACTOR
- BY MECHANICAL CONTRACTOR

### 3 ELECTRICAL CONNECTIONS TO VAV UNITS

E03-03 SCALE: NTS

## MECHANICAL EQUIPMENT CONNECTIONS SCHEDULE

MECHANICAL EQUIPMENT CONNECTIONS SCHEDULE									
MECH ID	GENERAL LOCATION	VOLTAGE	NUMBER OF POLES	HORSEPOWER	FLA	WATTAGE	MCCP	FEEDER	PANEL
DC-1	PENTHOUSE FLOOR (ROOF)	600 V	3	TBC	70.1			3#3AWG+G in 35mmC	DP-PAN
EB-1	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	251	260 kW	400A 3P	2 RUNS OF (#430+GND-53mmC)	SWBD-AAA
EB-2	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	251	260 kW	400A 3P	2 RUNS OF (#430+GND-53mmC)	SWBD-AAA
HUM-01	MAIN FLOOR (JANITOR ROOM 1-73)	600 V	3	N/A	3.6		15A 3P	4#12AWG+G in 21mmC	DP-1CN
MUA-01	PENTHOUSE FLOOR (MECH ROOM-1 6-01)	600 V	3	N/A	33		60A 3P	4#6AWG+G in 21mmC	DP-PAN
MUA-02	PENTHOUSE FLOOR (MECH ROOM-1 6-01)	600 V	3	N/A	33		60A 3P	4#6AWG+G in 21mmC	DP-PAN
MUA-03	PENTHOUSE FLOOR (MECH ROOM-1 6-01)	600 V	3	N/A	17.8		30A 3P	4#10AWG+G in 21mmC	DP-PAN
DF-1	FIFTH FLOOR (ATRIUM-2 1-96-2)	208 V	3	2.0	7		15A 3P	3#12AWG+G in 21mmC	RP-SAN3
DF-2	FIFTH FLOOR (ATRIUM-2 1-96-2)	208 V	3	2.0	7		15A 3P	3#12AWG+G in 21mmC	RP-SAN3
EF-1	PARKING LEVEL (FIRE ROOM 4 B-17)	600 V	3	2.0	2.7		15A 3P	3#12AWG+G in 21mmC	DP-BAX
EF-2	PARKING LEVEL (BIKE STORAGE B-16)	600 V	3	3	3.9		15A 3P	3#12AWG+G in 21mmC	DP-BAX
EF-3	PENTHOUSE FLOOR (MECH ROOM-1 6-01)	600 V	3	5.0	6.1		15A 3P	3#12AWG+G in 21mmC	DP-PAN
EF-4	PENTHOUSE FLOOR (ELEVATORS 1 & 2 E-01)	120 V	1	1/2	9.8		25A 3P	2#12AWG+G in 21mmC	RP-PAN
EF-5	FIFTH FLOOR (CORRIDOR 3-22)	120 V	1	1/10	1.5		15A 1P	2#12AWG+G in 21mmC	RP-PAN
EF-6	PARKING LEVEL (EXISTING EQUIPMENT ROOM B-13)	120 V	1	1/4	5.8		15A 1P	2#12AWG+G in 21mmC	RP-BAN
EF-7	MAIN FLOOR (ELEC. CLOSET 1-13)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
EF-8	MAIN FLOOR (ELEC. CLOSET 1-08)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
EF-9	SECOND FLOOR (ELEC. CLOSET 2-36)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-2AN3
EF-10	SECOND FLOOR (ELEC. CLOSET 2-31)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-2AN3
EF-11	THIRD FLOOR (ELEC. CLOSET 3-28)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-3AN3
EF-12	THIRD FLOOR (ELEC. CLOSET 3-23)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-3AN3
EF-13	FOURTH FLOOR (ELEC. CLOSET 4-28)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-4AN3
EF-14	FOURTH FLOOR (ELEC. CLOSET 4-23)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-4AN3
EF-15	FIFTH FLOOR (ELEC. CLOSET 5-32)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-SAN3
EF-16	FIFTH FLOOR (ELEC. CLOSET 5-11)	120 V	1	1/2	3.5		15A 1P	2#12AWG+G in 21mmC	RP-SAN3
RCF-1	PARKING LEVEL (PARKING AREA B-30)	600 V	3	1/4	1.3		15A 3P	3#12AWG+G in 21mmC	DP-BAX
RCF-2	PARKING LEVEL (PARKING AREA B-30)	600 V	3	1/4	1.3		15A 3P	3#12AWG+G in 21mmC	DP-BAX
RCF-3	PARKING LEVEL (PARKING AREA B-30)	600 V	3	1/4	1.3		15A 3P	3#12AWG+G in 21mmC	DP-BAX
SF-1	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	2.0	2.7		15A 3P	3#12AWG+G in 21mmC	DP-BAX
FCU-01	PARKING LEVEL (COMMEMORATION STORAGE B-22)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-BAN
FCU-02	MAIN FLOOR (FOCUS ROOM 1-50B)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-03	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-04	MAIN FLOOR (FORGITS LEGAL ADVISORY OPEN WORKSPACE 1-54)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-05	PARKING LEVEL (MEP ROOM 1 B-24)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-06	MAIN FLOOR (MUSEUM 1-77)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-07	MAIN FLOOR (CORRIDOR 1-81)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FCU-08	SECOND FLOOR (LOCKERS 2-05)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-2AN3
FCU-09	SECOND FLOOR (LOCKERS 2-05)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-2AN3
FCU-10	SECOND FLOOR (CORRIDOR 2-53)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-2CN3
FCU-11	SECOND FLOOR (BPA HD FILING 2-80)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-2CN3
FCU-12	THIRD FLOOR (LOCKERS 3-05)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-3AN3
FCU-13	THIRD FLOOR (LOCKERS 3-05)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-3AN3
FCU-14	THIRD FLOOR (CORRIDOR 3-69)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-3CN3
FCU-15	THIRD FLOOR (CORRIDOR 3-65)	120 V	1	N/A	3.5		15A 1P	2#12AWG+G in 21mmC	RP-3CN3
FCU-16	FOURTH FLOOR (LOCKERS 4-05)	120 V	1	N/A	3.5		15A 1P	2#12AWG+G in 21mmC	RP-4AN3
FCU-17	FOURTH FLOOR (LOCKERS 4-05)	120 V	1	N/A	3.5		15A 1P	2#12AWG+G in 21mmC	RP-4AN3
FCU-18	FIFTH FLOOR (MINISTERS' OFFICE 5-04)	120 V	1	N/A	3.5		15A 1P	2#12AWG+G in 21mmC	RP-SAN3
FCU-19	FIFTH FLOOR (CORRIDOR 5-22)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-SAN3
FCU-20	MAIN FLOOR (CORRIDOR 1-81)	120 V	1	N/A	13.6		35A 1P	2#10AWG+G in 21mmC	RP-1CN3
FCU-21	MAIN FLOOR (CORRIDOR 1-81)	120 V	1	N/A	13.6		35A 1P	2#10AWG+G in 21mmC	RP-1CN3
FCU-22	MAIN FLOOR (CORRIDOR 1-81)	120 V	1	N/A	13.6		35A 1P	2#10AWG+G in 21mmC	RP-1CN3
FCU-23	MAIN FLOOR (LOADING DOCK 1-62)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-24	MAIN FLOOR (LOCKERS 1-74)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FCU-25	MAIN FLOOR (LOADING DOCK 1-62)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-26	PARKING LEVEL (BGIS STORAGE B-21)	120 V	1	N/A	12		30A 1P	2#12AWG+G in 21mmC	RP-BAN
FCU-27	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	6		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-28	MAIN FLOOR (LOADING DOCK 1-62)	120 V	1	N/A	6		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FCU-29	MAIN FLOOR (MUSEUM 1-77)	120 V	1	N/A	12		30A 1P	2#12AWG+G in 21mmC	RP-1CN3
FCU-30	SECOND FLOOR (OPEN WORKSPACE 2-77)	120 V	1	N/A	6.2		15A 1P	2#12AWG+G in 21mmC	RP-2CN3
FCU-33	MAIN FLOOR (MUSEUM 1-77)	120 V	1	N/A	3.1		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FFH-01	MAIN FLOOR (VESTIBULE 1-33)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FFH-02	MAIN FLOOR (VESTIBULE 1-33)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FFH-03	MAIN FLOOR (VESTIBULE 1-82)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FFH-04	MAIN FLOOR (STAIR C-1 ST-C-1)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FFH-04	PARKING LEVEL (STAIR E ST-E)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-BAN
FFH-05	MAIN FLOOR (STAIR A-1 ST-A-1)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FFH-06	MAIN FLOOR (STAIR B-1 ST-B-1)	120 V	1	N/A	1.9		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-01	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-02	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-03	MAIN FLOOR (CORRIDOR 1-87)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1CN3
FPB-04	MAIN FLOOR (CORRIDOR 1-81)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1CN3
FPB-05	MAIN FLOOR (CORRIDOR 1-65)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1CN3
FPB-07	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-08	MAIN FLOOR (KITCHENETTE/ LOUNGE 1-06)	120 V	1	N/A	9.5		25A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-09	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	9.5		25A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-10	MAIN FLOOR (CORRIDOR 1-26)	120 V	1	N/A	9.5		25A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-11	MAIN FLOOR (KITCHENETTE/ LOUNGE 1-88)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-1CN3
FPB-12	MAIN FLOOR (KITCHENETTE/ LOUNGE 1-20)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-1AN3
FPB-13	PARKING LEVEL (COMMEMORATION STORAGE B-22)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-BAN
FPB-14	SECOND FLOOR (CORRIDOR 2-53)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-2AN3
FPB-15	SECOND FLOOR (KITCHENETTE/ LOUNGE 2-07)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-2AN3
FPB-16	SECOND FLOOR (CORRIDOR 2-53)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-2CN3
FPB-17	SECOND FLOOR (KITCHENETTE/ LOUNGE 2-70)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-2CN3
FPB-19	THIRD FLOOR (KITCHENETTE/ LOUNGE 3-77)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-3CN3
FPB-20	THIRD FLOOR (LOCKERS 3-22)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-3AN3
FPB-21	THIRD FLOOR (KITCHENETTE/ LOUNGE 3-07)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-3AN3
FPB-22	THIRD FLOOR (CORRIDOR 3-43)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-3CN3
FPB-22	FOURTH FLOOR (LOCKERS 4-22)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-4AN3
FPB-23	FOURTH FLOOR (KITCHENETTE/ LOUNGE 4-07)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-4AN3
FPB-24	FIFTH FLOOR (LOCKERS 5-29)	120 V	1	N/A	7.5		20A 1P	2#12AWG+G in 21mmC	RP-SAN3
FPB-25	FIFTH FLOOR (KITCHENETTE/ LOUNGE 5-09)	120 V	1	N/A	6.5		15A 1P	2#12AWG+G in 21mmC	RP-SAN3
DHWP-1	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	14.2		30A 3P	3#12AWG+G in 21mmC	DP-BAN2
DHWP-2	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	14.2		30A 3P	3#12AWG+G in 21mmC	DP-BAN2
HRC-01	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	17.1	129 kW	250A 3P	3#250MCM+G in 63mmC	DP-BAN
HRC-02	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	N/A	17.1	129 kW	250A 3P	3#250MCM+G in 63mmC	DP-BAN
P-1	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5.0	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-2	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	2.0	5		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-3	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	7.5	9		20A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-4	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5.0	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-5	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	2.0	2.7		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-6	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	7.5	9		20A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-7	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	1.5	2.4		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-8	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	1.5	2.4		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-9A	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN2
P-9B	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN2
P-9C	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN2
P-10A	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-10B	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-10C	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	5	6.1		15A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-11A	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	10	11		25A 3P	3#12AWG+G in 21mmC	DP-BAN1
P-11B	PARKING LEVEL (MEP ROOM 2 B-20)	600 V	3	10	11		25A 3P	3#12AWG+G in 2+	