

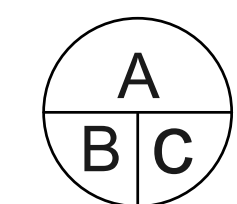
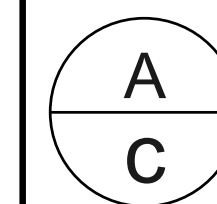
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IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO CONSTRUCTION START AND REPORT ALL ERRORS, OMISSIONS AND/OR INTERFERENCES TO THE PROJECT ENGINEER.

THE CONTRACTOR SHALL FOLLOW THE PLAN AND SPECIFICATIONS AS INDICATED. FAILURE TO DO SO WILL VOID ANY LIABILITY OF THE PROJECT ENGINEER.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT. DO NOT SCALE DRAWINGS.

revisions	description	date
05	Issued for Addendum 004	2022.01.08
04	Issued for Tender	2021.08.17
03	Issued for Tender	2020.09.30
02	Re-Issued for Review	2016.08.04
01	Issued for Review	2016.03.14



project

BAY 3 REFIT PROJECT

PROJECT ADDRESS

drawing

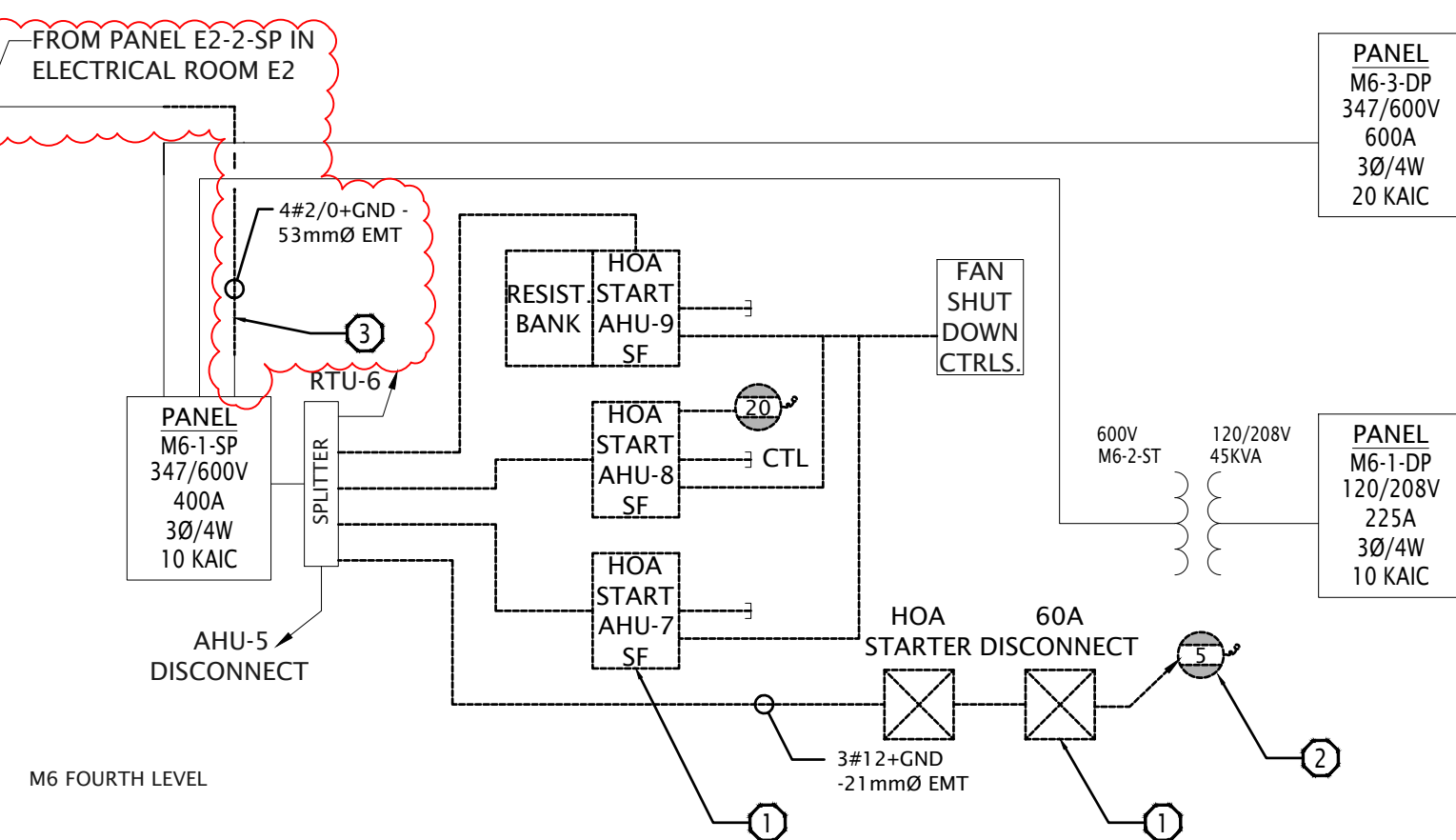
dessin

ELECTRICAL SINGLE
LINE DIAGRAM

Designed By	Conçu par
Date	M.LACHOWICZ (yyyy/mm/dd)
Drawn By	Dessiné par
Date	J.GIBSON (yyyy/mm/dd)
Reviewed By	Examiné par
Date	M.LACHOWICZ (yyyy/mm/dd)
Approved By	Approuvé par
Date	M.LACHOWICZ (yyyy/mm/dd)
Tender	Soumission
Project Manager	Administrateur de projets
Project no.	No. du projet
CSA15-G8b	
Drawing no.	No. du dessin
E02	

DESCRIPTION OF SITE DISTRIBUTION DEMOLITION:

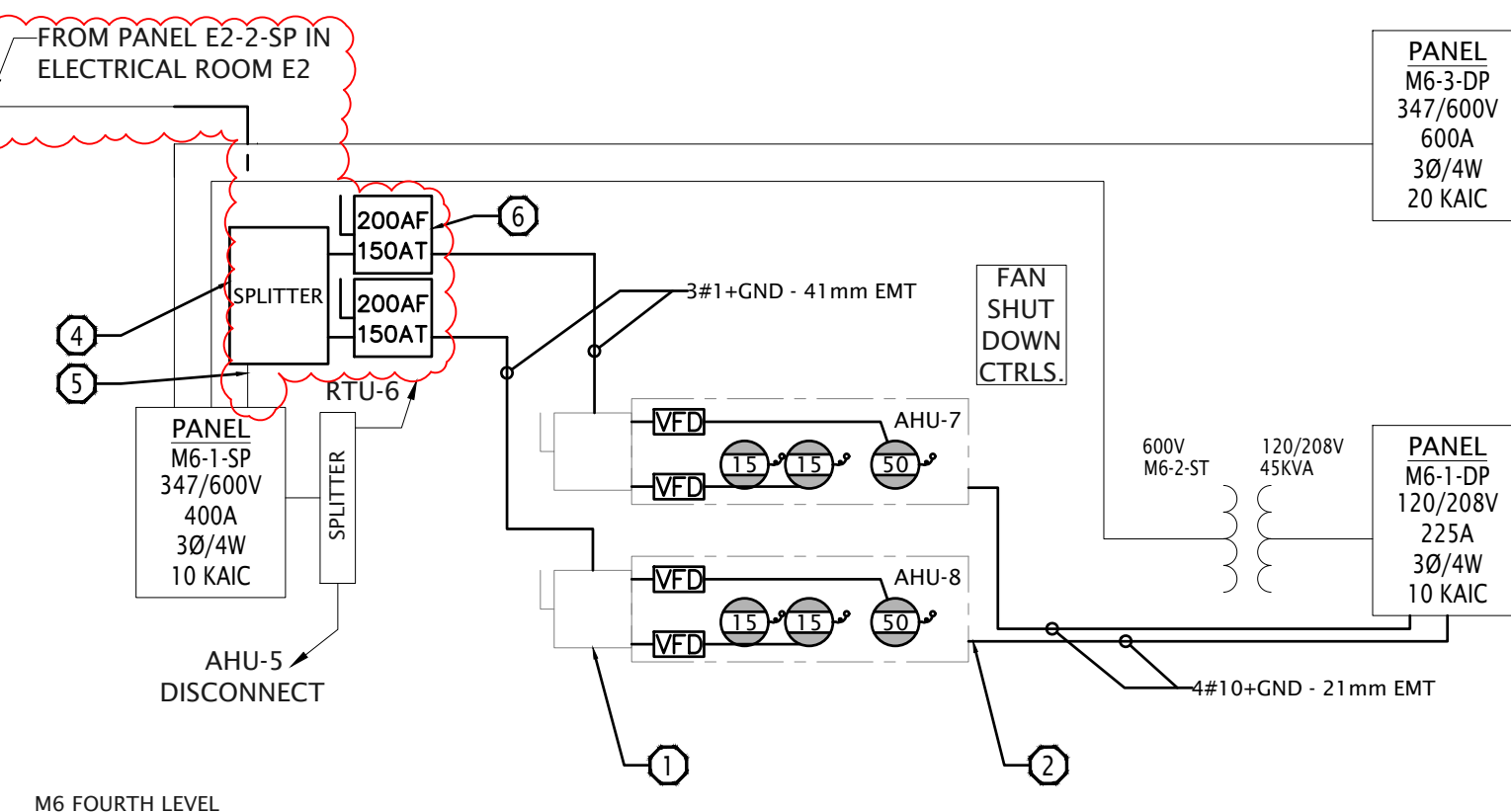
- 1 TYPICAL:
DISCONNECT AND REMOVE IDENTIFIED STARTERS AND CONDUIT BACK TO SOURCE.
- 2 TYPICAL:
DISCONNECT SUPPLY FAN (SF) AND RETURN FAN (RF) MOTORS FOR AHU-8. REMOVAL BY MECHANICAL TRADES.
- 3 INTERCEPT INCOMING FEEDER SERVING M6-1-SP AS REQUIRED TO ALLOW FOR SPLITTER IN NEW CONSTRUCTION. RETAIN WIRING FOR REUSE IN NEW CONSTRUCTION.

1 SINGLE LINE DIAGRAM
DEMOLITION

Scale: N.T.S.

DESCRIPTION OF SITE DISTRIBUTION NEW WORK:

- 1 TYPICAL (OF 2 AHU UNITS):
PROVIDE 600V CONNECTION C/W CONDUIT AND WIRING TO FACTORY MOUNTED DISCONNECT. PROVIDE CONNECTION FROM DISCONNECT TO VFD AND FROM VFDs TO FANS.
- 2 TYPICAL (OF 2):
PROVIDE TWO (2) 15A CIRCUITS TO LIGHTING AND CONTROLS, AND ONE (1) 20A CIRCUIT TO MAINTENANCE RECEPTACLE.
- 3 REFER TO PHASE DRAWINGS. WORK TO BE PERFORMED IN TWO SEPARATE PHASES.
- 4 PROVIDE SPLITTER (600V, 225A, 3P, 4W) C/W SUPPORTS AND CONNECT TO CIRCUIT INTERCEPTED AND RETAINED IN DEMOLITION. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED.
- 5 PROVIDE CONNECTION TO PANEL M6-1-SP FROM SPLITTER USING CIRCUIT RETAINED IN DEMOLITION. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED.
- 6 TYPICAL:
PROVIDE DISCONNECT SWITCHES (RATING AS IDENTIFIED ON SINGLE LINE DIAGRAM) IN LOCATION OF REMOVED STARTERS TO SERVE AHU-7 AND AHU-8 C/W CONDUIT AND WIRING.

2 SINGLE LINE DIAGRAM
NEW WORK

Scale: N.T.S.

C

0 10 20mm 40 60 80 100 120 140 160 180 200mm