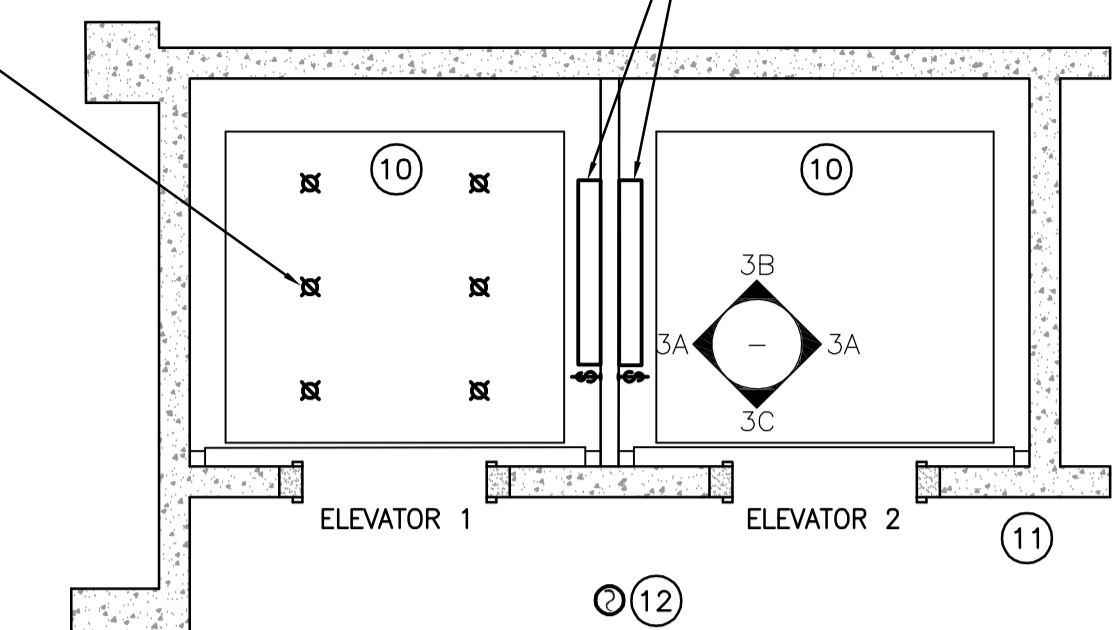


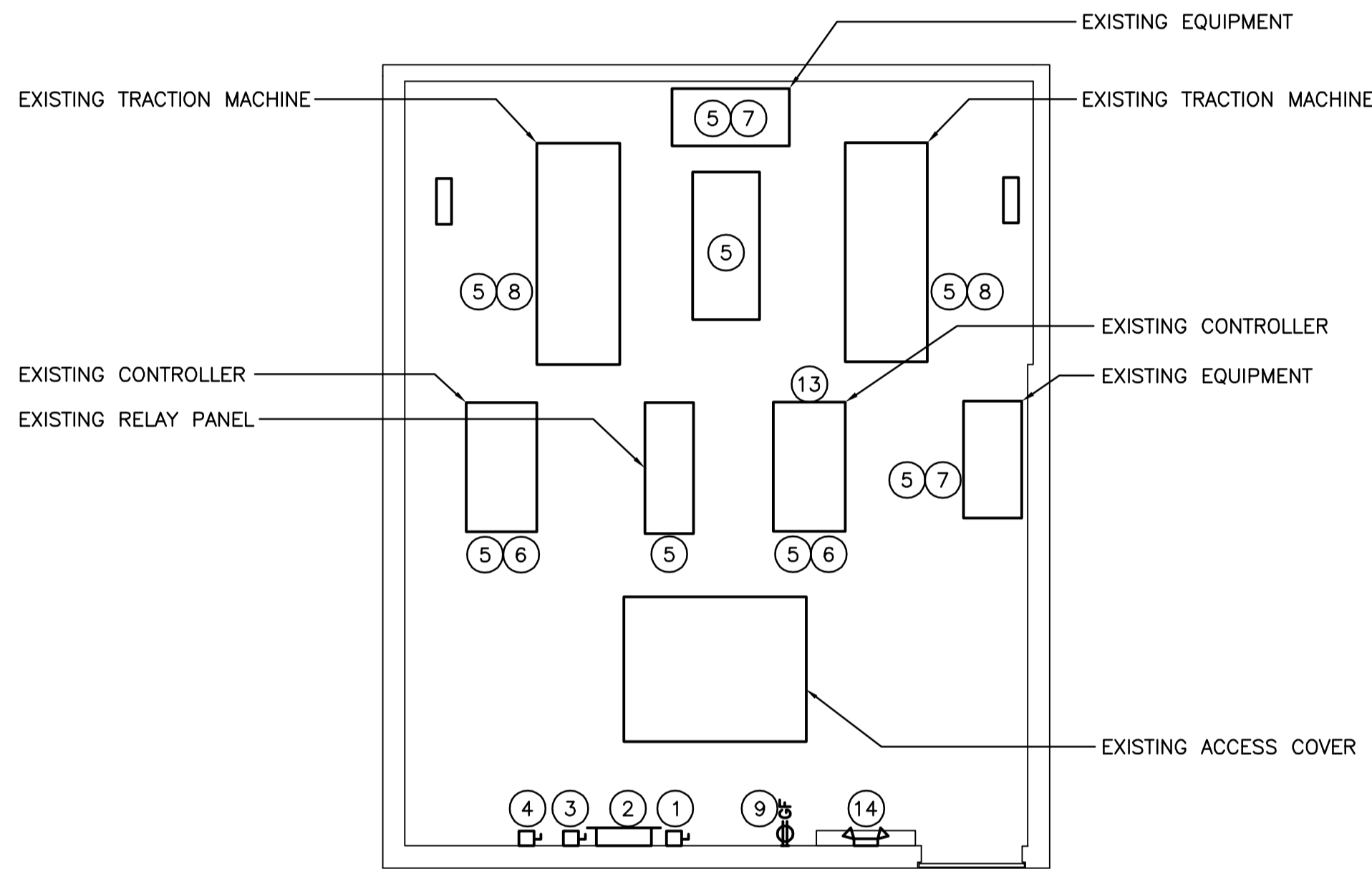
GOUGH 10W 120V/1PH CEILING MOUNTED CAB LIGHTING
ICO 30/10 25 4AR FL LSS 60D 120 GZ1 ELR. CONNECT
TO CLOSEST 120V PANEL WITH 15A-1P BREAKER WITH
#12 WIRE. COORDINATE LAYOUT WITH ELEVATOR SUPPLIER.
TYPICAL FOR ELEVATOR 2

LITHONIA 25W 120V/1PH WALL MOUNTED PIT LIGHTING
ZLIN L48 3000LM SBL FST MVOLT 40K 80CRI GALV c/w
WIRE GUARD WG248 CONNECTED TO CLOSEST 120V
PANEL WITH DEDICATED 15A-1P BREAKER WITH #12 WIRE

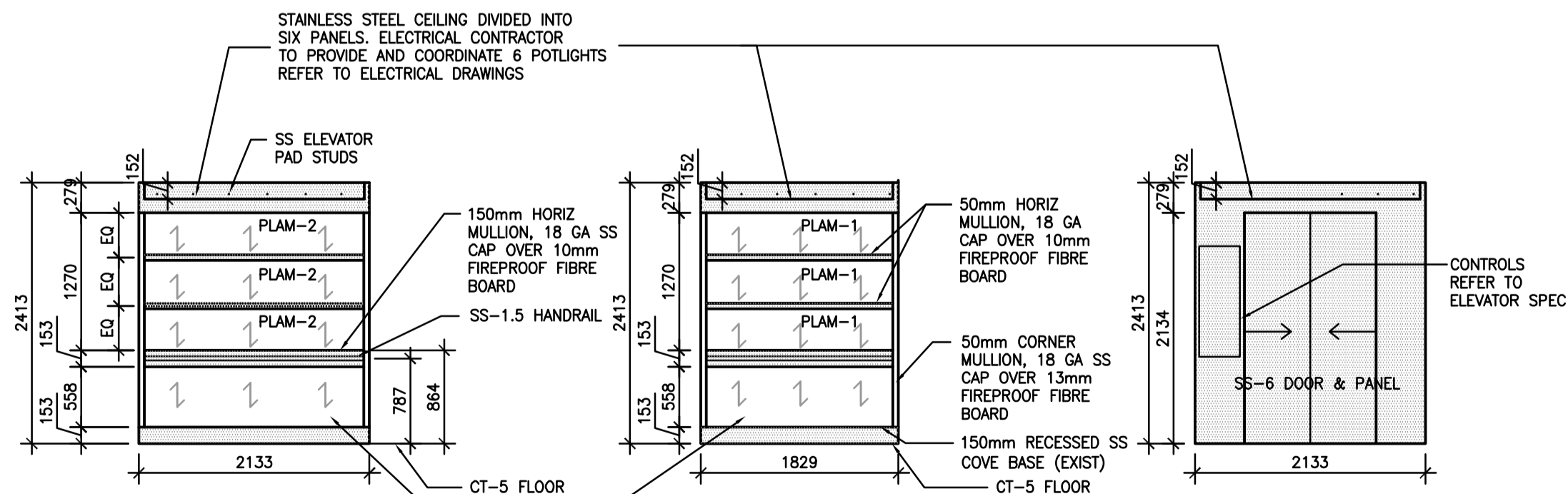


1
E9
ELEVATOR PLAN
1:50

NOTE:
1. CONNECT ELEVATOR CONTROLS TO EXISTING ELEVATOR
CONTROLS SYSTEM. REUSE EXISTING WIRING, EXTEND
AS REQUIRED.



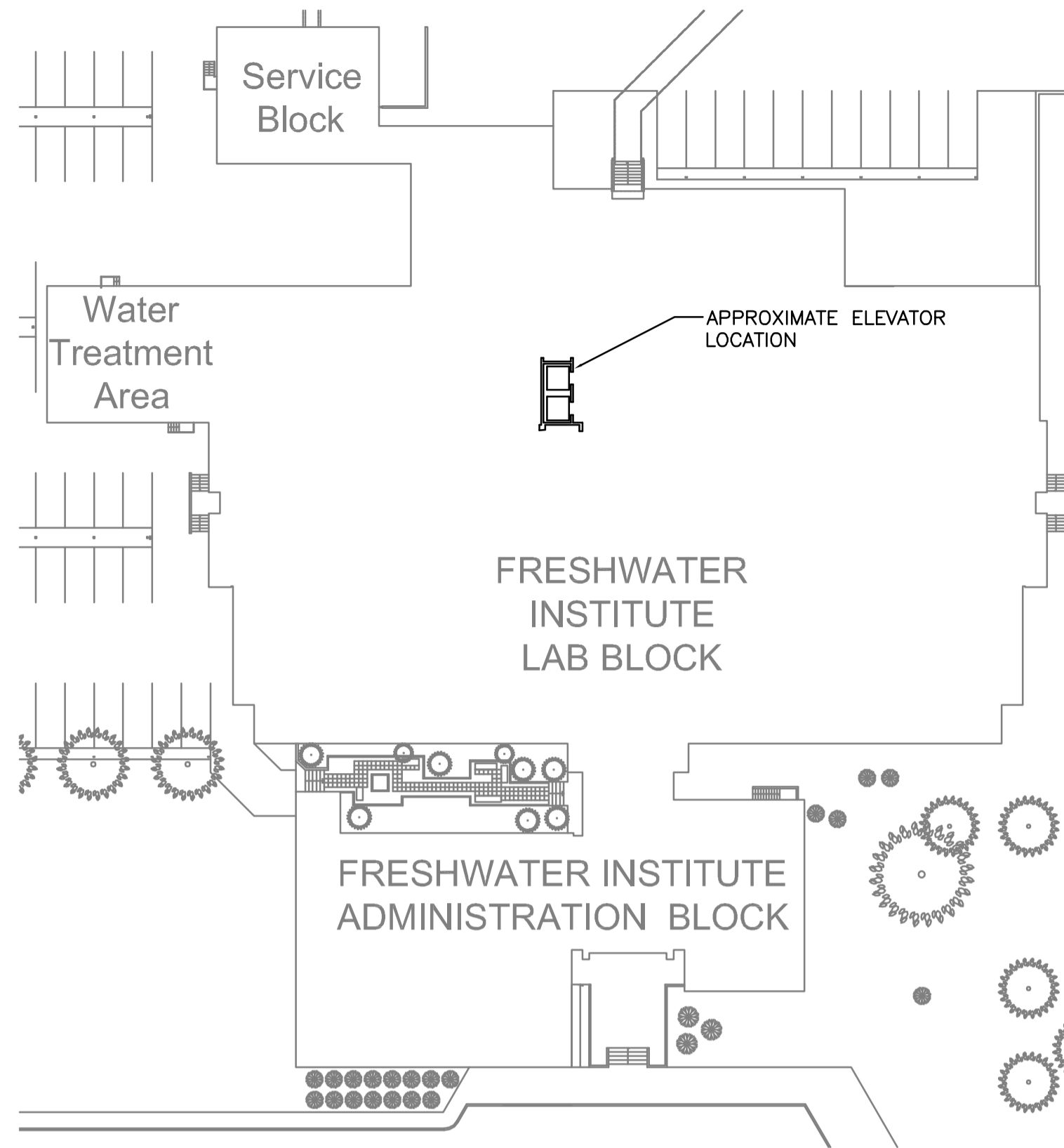
2
E9
ELEVATOR MACHINE ROOM
1:50



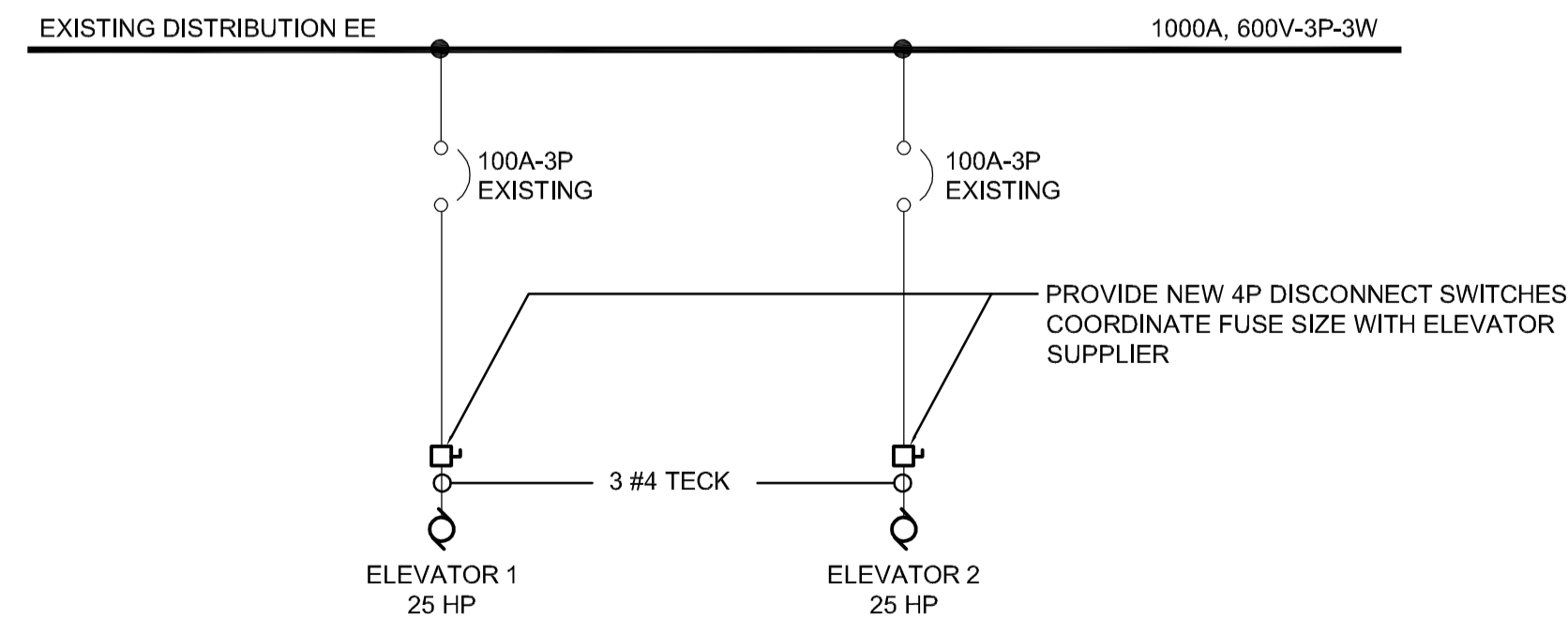
3A
E9
ELEVATION
1:50

3B
E9
ELEVATION
1:50

3C
E9
ELEVATION
1:50



KEY PLAN
1:500



4
E9
PARTIAL SINGLE LINE DIAGRAM
1:50

ELECTRICAL KEY NOTES:

- EXISTING DISCONNECT SWITCH FOR ELEVATOR 1. REPLACE WITH NEW 100A-4P (3 POLES FUSED) SWITCH C/W FUSES SIZED AS RECOMMENDED BY THE ELEVATOR MANUFACTURER.
- EXISTING 12-CIRCUIT PANEL CONTAINING CAR LIGHTING CIRCUITS. REUSE EXISTING CIRCUITS TO FEED NEW CAR LIGHTING.
- EXISTING DISCONNECT SWITCH FOR ELEVATOR 2. REPLACE WITH NEW 100A-4P (3 POLES FUSED) SWITCH C/W FUSES SIZED AS RECONNECTED BY THE ELEVATOR MANUFACTURER.
- EXISTING DISCONNECT SWITCH FOR ELEVATOR CONTROL. REUSE TO FEED NEW ELEVATOR CONTROLS.
- DISCONNECT EXISTING ELEVATOR DRIVE AND CONTROL EQUIPMENT. REMOVE UNUSED EXISTING WIRING AND CONDUIT.
- WIRE AND CONNECT NEW ELEVATOR CONTROLLER AS PER MANUFACTURER'S RECOMMENDATIONS. RECONNECT TELEPHONE WIRING TO NEW CONTROLLER.
- WIRE AND CONNECT NEW ELEVATOR POWER CONVERSION EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATIONS.
- WIRE AND CONNECT NEW ELEVATOR TRACTION MACHINE AS PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE NEW DUPLEX RECEPTACLE C/W GFI FED FROM A NEW MATCHING 15A-1P CIRCUIT BREAKER IN A NEAREST AVAILABLE 120/208V PANEL.
- REPLACE EXISTING RECEPTACLE IN ELEVATOR PIT WITH NEW DUPLEX RECEPTACLE C/W GFI.
- ON 2ND FLOOR ONLY, WIRE AND CONNECT RESCUE PHONE TO A NEW MATCHING 15A-1P CIRCUIT BREAKER IN NEAREST AVAILABLE 120/208V PANEL.
- ON EACH LEVEL, PROVIDE A SMOKE DETECTOR IN ELEVATOR LOBBY TIED TO EXISTING FIRE ALARM SYSTEM. PROVIDE MANUFACTURER'S VERIFICATION INSPECTION REPORT FOR ANY MODIFICATIONS AND ADDITIONS TO EXISTING FIRE ALARM SYSTEM.
- PROVIDE FOUR (4) MATCHING PROGRAMMABLE RELAYS TIED TO EXISTING FIRE ALARM SYSTEM AND NEW ELEVATOR CONTROLLERS. THE RELAYS ARE TO PROVIDE SIGNALS TO ELEVATOR CONTROLLERS AS FOLLOWS:
 - GENERAL FIRE ALARM
 - FIRE AT MAIN FLOOR ELEVATOR LOBBY
 - FIRE IN THE HOISTWAY
 - FIRE IN THE ELEVATOR MACHINE ROOM
- PROVIDE AN EMERGENCY BATTERY BANK WITH 30 MIN BATTERY CAPACITY AND 4W LED DUAL EMERGENCY LIGHT. TIE TO EXISTING GENERAL LIGHTING CIRCUIT IN ELEVATOR MACHINE ROOM.



DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
0	ISSUED FOR CONSTRUCTION	2018.09.07

Client/client

DEPT OF FISHERIES & OCEANS
FRESH WATER INSTITUTE

UNIVERSITY OF MANITOBA CAMPUS
501 UNIVERSITY CRESCENT

Project title/Titre du projet

DFO / FWI
ELEVATOR RENOVATION

Approved by/Approuvé par

Designed by/Concept par
L. KORENBAUM

Drawn by/Dessiné par
H.P.C. CHAN

PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin

FRESH WATER INSTITUTE
ELEVATOR
INTERIOR RENOVATION &
ELECTRICAL UPGRADE

Project No./No. du
projet

Sheet/Feuille

E1
OF 01

Revision no./
La Révision
no.

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