


PROVINCE OF NEWFOUNDLAND AND LABRADOR

 **ENGINEERING**
PERMIT J0291

STANTEC CONSULTING LTD.

BR 04642

Signature of Member Number
(Member-in-Responsible Charge)

0	ISSUED FOR TENDER	AUG 26 2016
revisions		date

project

**NORTHWEST ATLANTIC
FISHERIES CENTRE
MAIN ELECTRICAL
UPGRADES**

project

drawing	dessin
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PARTIAL FLOOR PLANS
TRANSFORMER VAULT,
F21 & F19

designed	B.Ropson	conçu
date	March 2016	

drawn	J. Dillon	dessiné
date	March 2016	

approved _____ approved _____
date _____

Tender: Sandy Oke 2016-09-12 Soumission

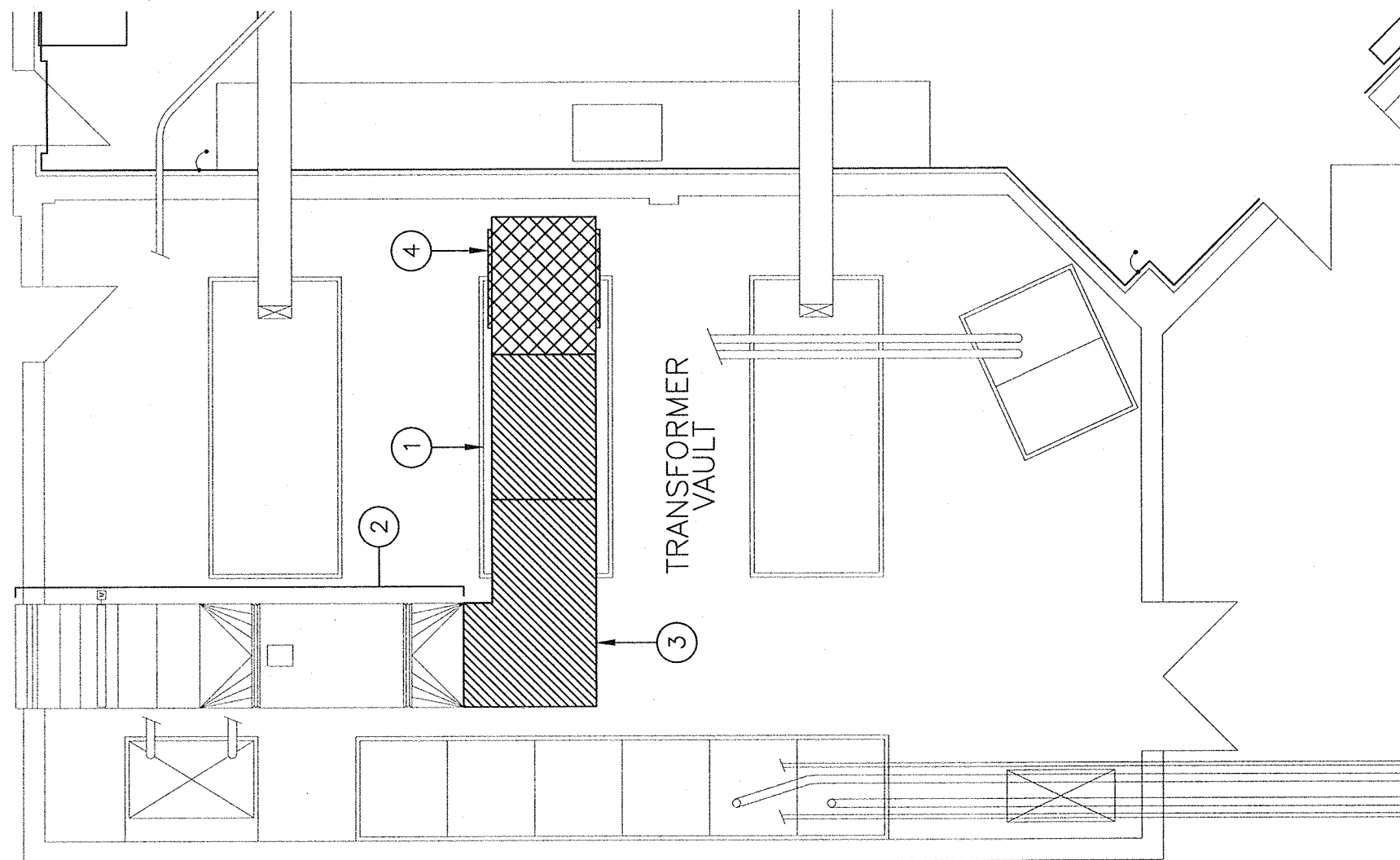
PWSC Project Manager Administrateur de projets TPSGC

project number	no. du projet
R.072210.001	

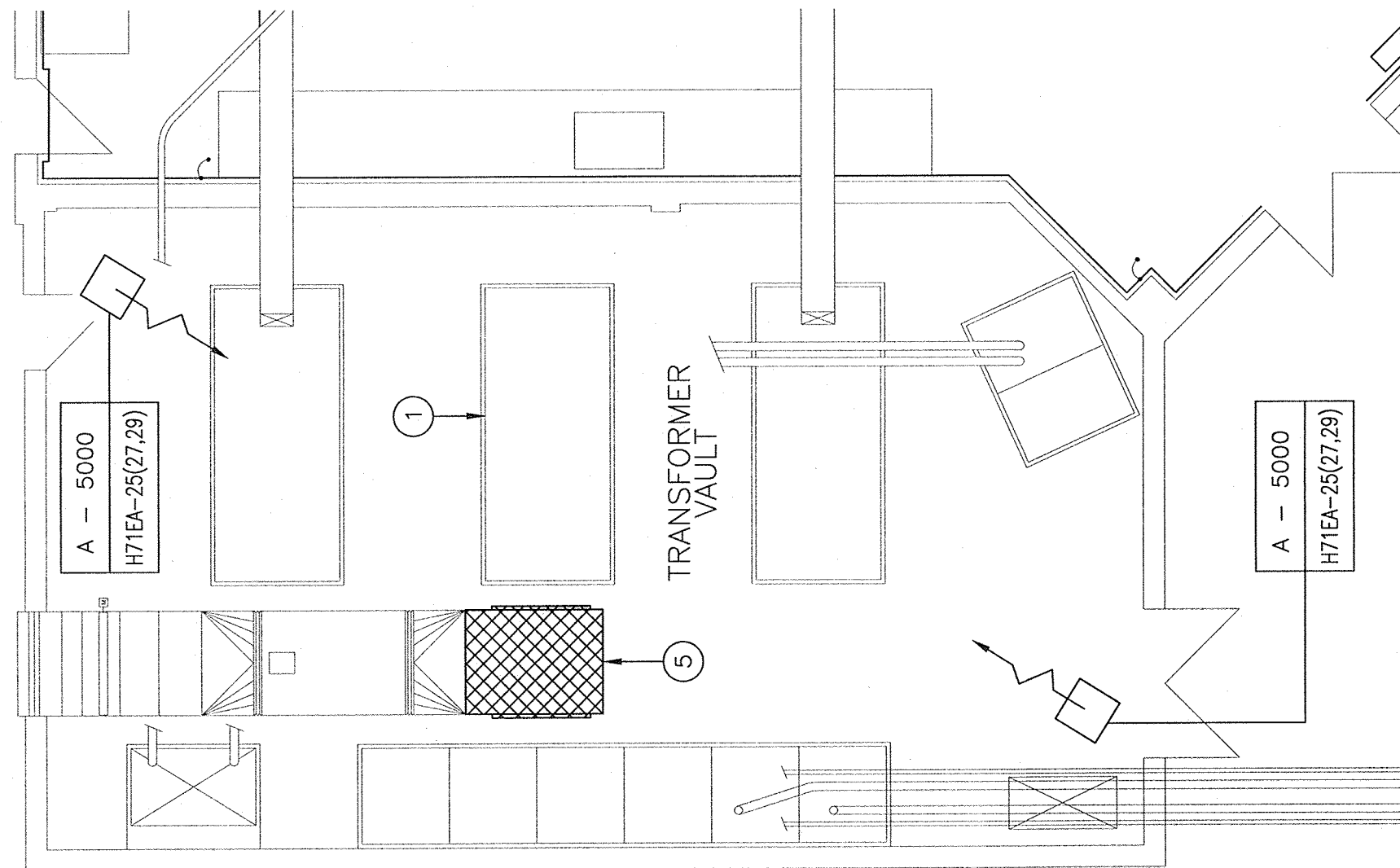
drawing no.	no. du dessin
F108	

E-DRM/GOD-E: 543115

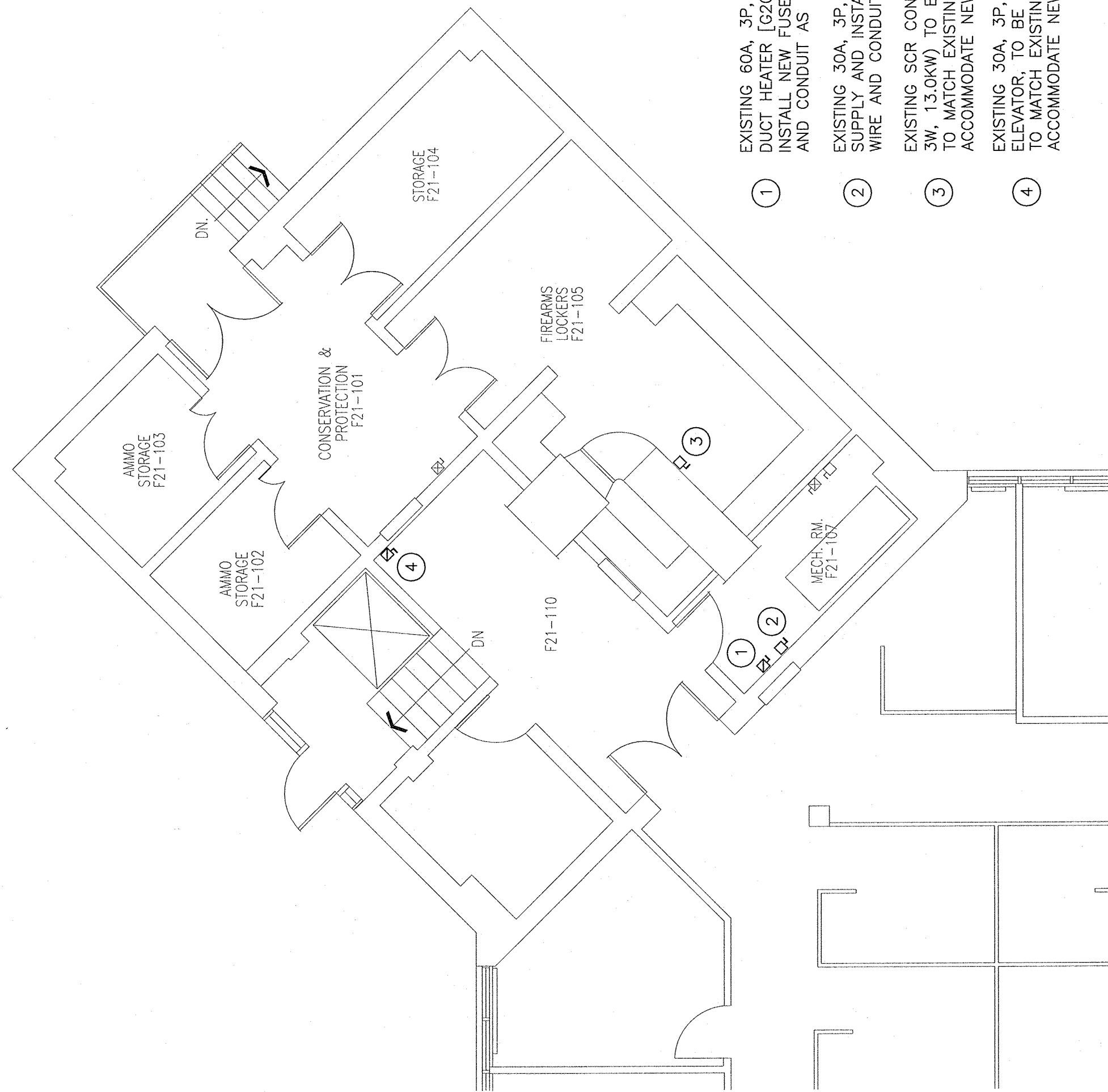
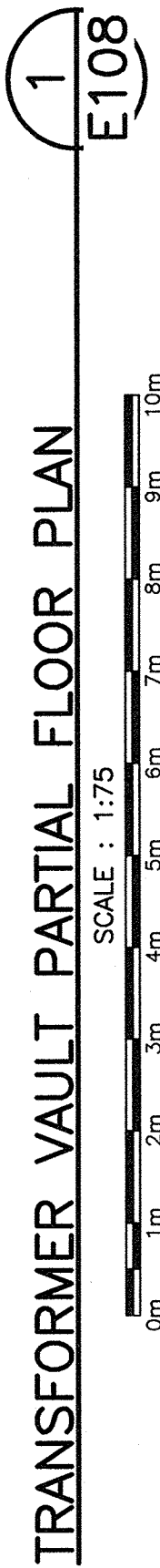
- ① EXISTING 2000KVA 12.47KV/347/600V SPARE TRANSFORMER.
- ② EXISTING PORTION OF DUCTWORK TO REMAIN (EXTERIOR LOUVER, VERTICAL ELBOWS, TRANSITION PIECES, FAN, FLEX CONNECTIONS, HORIZ. SECTIONS, ETC.). MODIFY AS REQUIRED TO ACCOMMODATE NEW DUCTWORK CONFIGURATION.
- ③ EXISTING PORTION OF MECHANICAL DUCTWORK (ELBOW AND STRAIGHT SECTIONS) TO BE REMOVED TO ACCOMMODATE NEW ELECTRICAL SWITCHBOARD AND ASSOCIATED TOP ENTRY CONDUITS; PROVIDE TEMPORARY SUPPORTS AS REQUIRED DURING MODIFICATIONS.
- ④ EXISTING RETURN GRILL PORTION OF DUCTWORK TO BE RELOCATED.
- ⑤ RELOCATED EXISTING RETURN GRILL PORTION OF DUCTWORK. PROVIDE ALL MATERIALS FOR NEW CONNECTION AND SUPPORTS AS REQUIRED.



EXISTING PARTIAL FLOOR PLAN

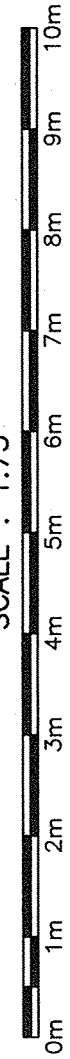


REVISED PARTIAL FLOOR PLAN

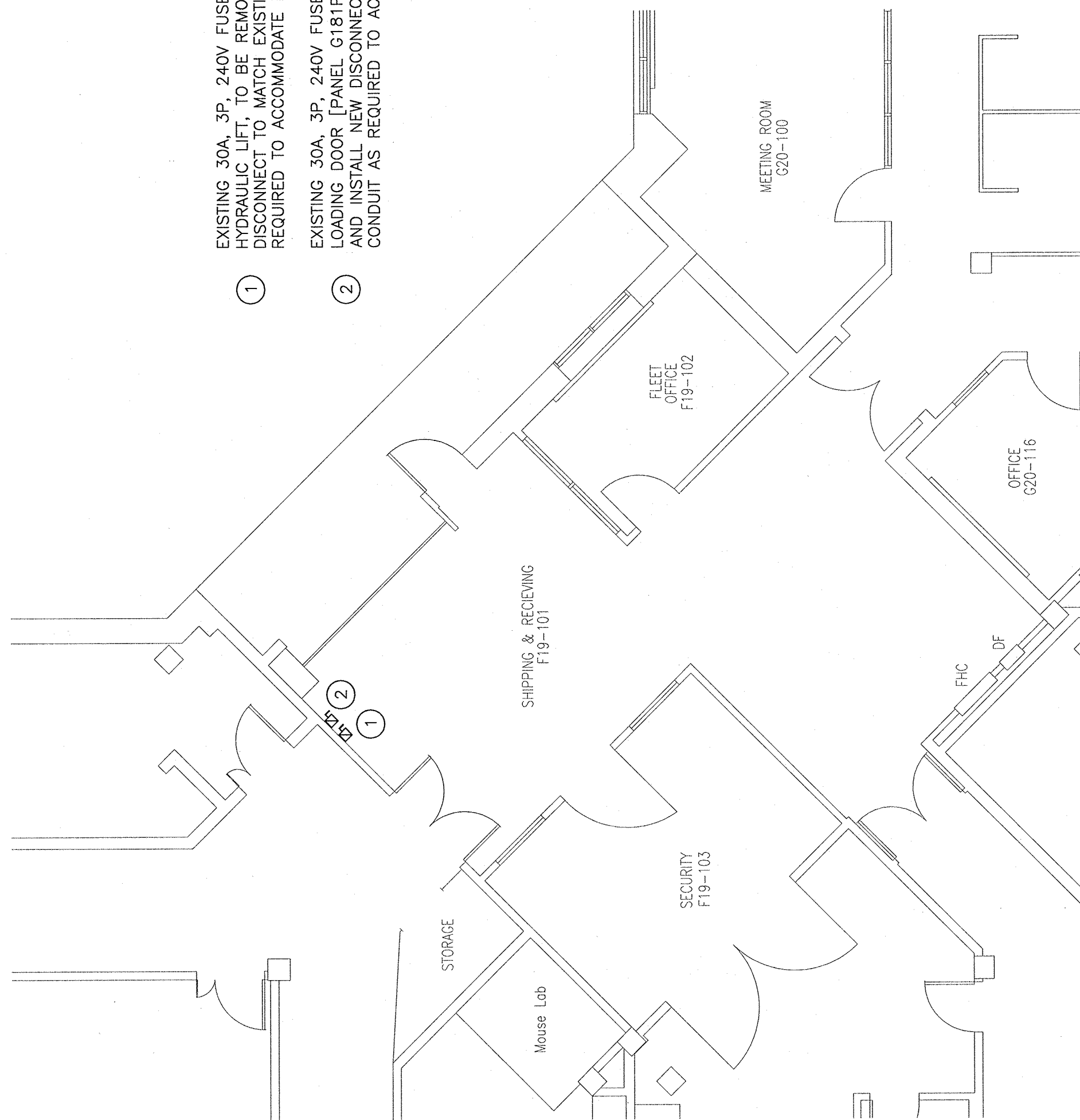


- ① EXISTING 60A, 3P, 600V FUSED (Ø 40A) DISCONNECT SWITCH FOR EXTENDING DUCT HEATER [62010HB-131/51.177]. TO BE REMOVED. SUPPLY AND INSTALL NEW FUSED DISCONNECT TO MATCH EXISTING. EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- ② EXISTING 30A, 3P, 600V DISCONNECT SWITCH, TO BE REMOVED. SUPPLY AND INSTALL NEW DISCONNECT TO MATCH EXISTING. EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- ③ EXISTING SCR CONTROLLER FOR ELECTRIC DUCT HEATER (600V, 3ø, 13.0kW) TO BE REMOVED. SUPPLY AND INSTALL SCR CONTROLLER TO MATCH EXISTING. EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- ④ EXISTING 30A, 3P, 600V FUSED (Ø 30A) DISCONNECT SWITCH FOR EXTENDING DUCT HEATER. REMOVE AND INSTALL DISCONNECT TO MATCH EXISTING. EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.

F21 POD PARTIAL FLOOR PLAN - LEVEL 1



- ① EXISTING 30A, 3P, 240V FUSED(20A) DISCONNECT SWITCH FOR HYDRAULIC LIFT, TO BE REMOVED. SUPPLY AND INSTALL NEW FUSED DISCONNECT TO MATCH EXISTING, EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- ② EXISTING 30A, 3P, 240V FUSED(20A) DISCONNECT SWITCH FOR LOADING DOOR [PANEL G481P1A-31(33,45)], TO BE REMOVED. SUPPLY AND INSTALL NEW DISCONNECT TO MATCH EXISTING, EXTEND WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.



F19 POD PARTIAL FLOOR PLAN – LEVEL 1

