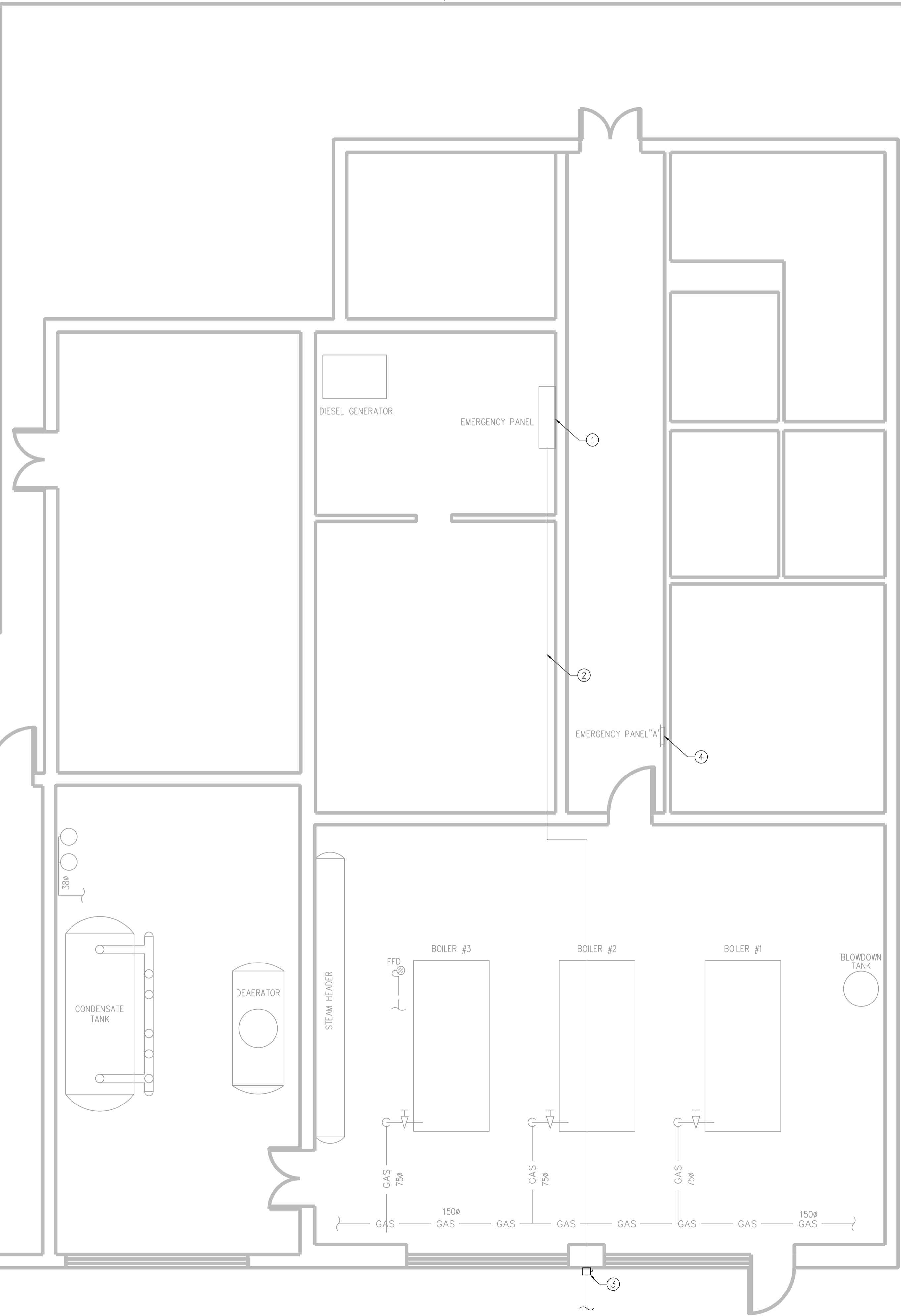


PANEL: 10-220-001		PHASE: 3ø					VOLTS: 347/600V		
TYPE: NEMA 1		RATED: 1200A					MAIN: 1200A		
LOCATION: GENERATOR ROOM		MOUNTING: SURFACE					PANEL I.C:10kA		
CR.No	DESCRIPTION	AMPS	LOAD			AMPS	DESCRIPTION	CR.No	
			A	B	C				
1			2.0	10				33	
2	BUILDING 7 (10-120-002)	30		2.0	10		BUILDING 3 (10-120-008)	34	
3								35	
4	SPACE		5					36	
5	SPACE			5			METERING PT (10-120-009)	37	
6	SPACE				5			38	
7	SPACE						SPACE	39	
8							SPACE	40	
9	TRANSFORMER BUILDING 3 (10-120-003)	40					SPACE	41	
10							SPACE	42	
11							SPACE	43	
12	BUILDING # (10-120-004)	30					SPACE	44	
13								45	
14								46	
15								47	
16								48	
17								49	
18								50	
19	SPARE	30				100	FOR TEMPORARY BOILER*	51	
20								52	
21								53	
22								54	
23								55	
24								56	
25								57	
26						30	GENERATOR EXHAUST FAN	58	
27								59	
28	BUILDING 4 (10-120-006)	300						60	
29						30	BUILDING 3 MCC#1 (10-120-11)	61	
30								62	
31	BUILDING # (10-120-007)	300						63	
32								64	

NOTES:
*CONTRACTOR TO PROVIDE AND INSTALL NEW 100A, 3P BREAKER FOR POWER TO TEMPORARY BOILER

B EXISTING EMERGENCY PANEL SCHEDULE
E501 SCALE:N.T.S.



GENERAL ELECTRICAL LEGEND

- MOTOR (3-PHASE)
- DISCONNECT SWITCH
- ELECTRICAL PANEL SURFACE/RECESSED

DRAWING NOTES: (X)

- PROVIDE & INSTALL NEW 600V, 3P, 100A, BREAKER IN EXISTING EMERGENCY PANEL FOR POWER FEED TO TEMPORARY BOILER.
- PROVIDE AND INSTALL TECK#3 CU. CABLE TO FEED TEMPORARY POWER TO BOILER, THE PROPOSED CABLE ROUTE IS TENTATIVE CONTRACTOR CAN PROPOSE DIFFERENT ROUTE WITH MINIMUM DAMAGE TO THE EXISTING BUILDING STRUCTURE. THE PROPOSE CABLE SHALL BE LAID UNDER GROUND IN CONDUIT ONCE IT'S OUTSIDE THE BUILDING STRUCTURE. THE CABLE SHALL BE REMOVED ONCE THE REPLACEMENT WORK IS COMPLETED. THE CABLE SHALL BE LAID THROUGH THE CEILING SPACE. ALL PENETRATION SHALL BE SEALED BY FIRE RATED SEALANT TO MAINTAIN THE FIRE RATING OF THE STRUCTURE.
- PROVIDE AND INSTALL NEW 600V, 3P, 100A FUSED HEAVY DUTY DISCONNECT ON WALL NEAR TO THE BOILER. THE DISCONNECT SHALL BE RATED FOR OUTDOOR USE. THE INSTALLATION SHALL BE REMOVED ONCE THE REPLACEMENT WORK IS COMPLETED.
- PROVIDE 2 X 208V,15A, 2P CIRCUIT FROM PANEL "A" TO FEED POWER TO HEAT TRACE SYSTEM FOR WATER LINE & BOILER BLOWDOWN LINE. COORDINATE WITH MECHANICAL TRADE FOR HEAT TRACE DETAIL.

Public Works and Government Services Canada
Architectural and Engineering Services
Ontario Region
Travaux publics et Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

LEVEL OF SECURITY | NIVEAU DE SÉCURITÉ
UNCLASSIFIED | NON CONFIDENTIEL



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1	ISSUED FOR ADDENDUM NO. 1	2021/07/20
revision	description	date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

	A Detail No. No. du détail
	B drawing no. - where detail required dessin no. - où détail exigé
	C drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
Ottawa Ontario
PUBLIC SERVICES AND PROCUREMENT CANADA

PROVISIONS TEMPORARY STEAM
BUILDING 3, SHIRLEY'S BAY

drawing title
titre du dessin
AUXILIARY TIE-IN CONNECTIONS
FOR MOBILE STEAM PLANT
POWER

drawn by
dessine par ABHISHEK BUDHIRAJA

designed by
conc par ABHISHEK BUDHIRAJA

approved by
approuve par MARTIN TESSIER

tender
soumission 2021/07/16 project manager
administrateur de projets

project date
date du projet 2021/07/11

project no.
no. du projet 200545.01

drawing no.
dessine no. E501

A AUXILIARY TIE-IN TEMPORARY BOILER POWER
E501 SCALE:1:50