



GENERAL NOTES

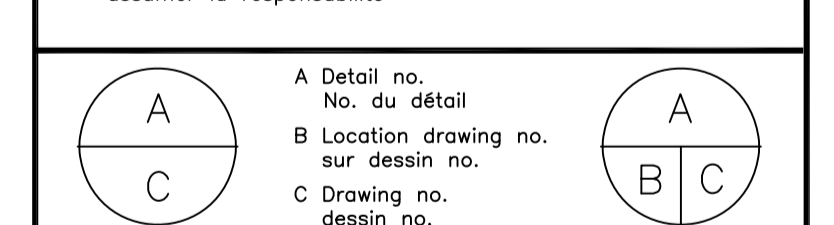
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CLEARANCES ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES AND/OR OMISSIONS TO DEPARTMENTAL REPRESENTATIVE.
- CONTRACTORS MUST VISIT THE SITE AND FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK PRIOR TO PROJECT COMMENCEMENT.
- ALL TRADES TO COORDINATE WORK ON SITE, WITH APPROVAL OF DEPARTMENTAL REPRESENTATIVE TO AVOID ANY CONFLICTS AND/OR INTERFERENCE.
- ANY AND ALL REQUIRED SHUTDOWNS SHALL BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.
- INSTALLATION OF ALL SYSTEMS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
- CONTRACTOR TO BE RESPONSIBLE FOR REINSTATEMENT AND REPAIR OF ANY DAMAGE CAUSED BY WORK.
- CONTRACTOR SHALL PREVENT THE SPREAD OF DUST AND DEBRIS BEYOND AREA OF WORK AND CLEAN ALL SURFACES AT COMPLETION.
- ALL SHUTDOWNS SHALL BE PERFORMED AFTER NORMAL WORKING HOUR.

KEY PLAN

PLAN CLÉ

No.	Date	Revision	By:

Date vérifiée sur les dimensions et les conditions de lieux et en responsabilité  
 o Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité

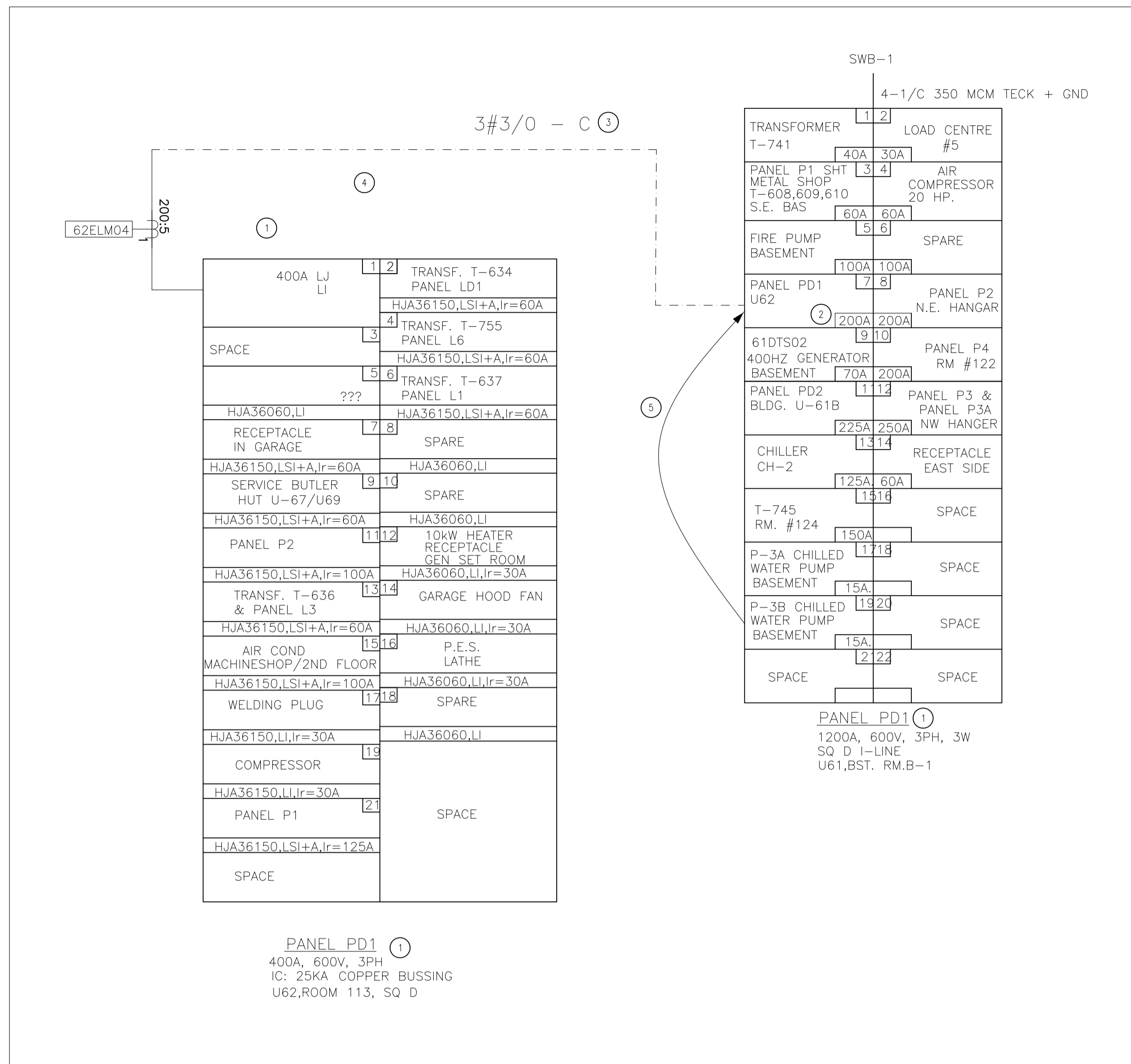


project  
 BUILDING U62  
 ELECTRICAL FEEDER UPGRADE

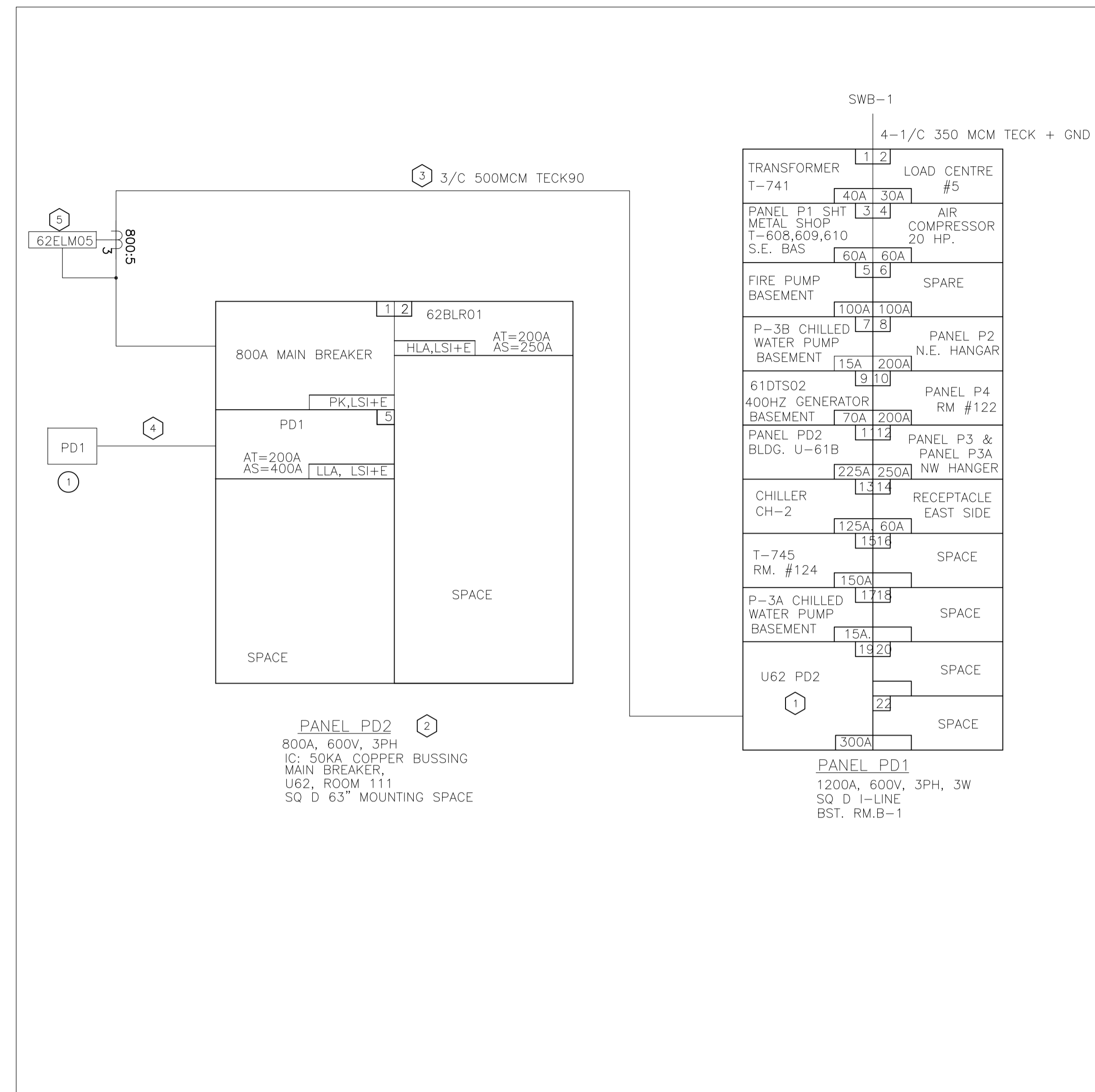
drawing  
 SINGLE LINE DIAGRAM

designed	KXL	conçu	date	OCT/2020	date
drawn	KXL	dessiné	scale	N.T.S	échelle
checked	CYC	vérifié	sheet	E01 of/de E02	feuille
approved	A.L.S	approuvé	W.O.no.	A1-011227-21	D.T.no.

dwg.no. 5912-E01



1 EXISTING SINGLE LINE DIAGRAM  
 E01 SCALE =



2 NEW SINGLE LINE DIAGRAM  
 E01 SCALE =

- DEMOLITION NOTES:
- EXISTING EQUIPMENT REMAIN
  - DISCONNECT EXISTING BREAKER, RETURN TO NRC DEPARTMENTAL REPRESENTATIVE.
  - DISCONNECT AND REMOVE EXISTING WIRING FROM U61 TO U62
  - REUSE PORTION OF EXISTING WIRING TO PD1 IN U62
  - RELOCATE EXISTING BREAKER AS SHOWN

- NEW WORK NOTES:
- INSTALL BREAKER SUPPLIED BY NRC IN EXISTING PANEL
  - PROVIDE NEW SQ D I-LINE PANEL WITH BREAKERS AS SHOWN.  
 - ELECTRONIC TRIP UNIT, SETTING TO BE PROVIDED BY NRC  
 - ON BOARD CONTROL POWER TO ELECTRONIC TRIP UNIT  
 - POWERLOGIC 7650 METER WITH ETHERNET PORT, REMOTE SCREEN WITH FRONT OPTICAL COM PORT
  - PROVIDE NEW WIRING AS SHOWN.
  - EXISTING WIRING TO BE RE-ROUTED TO NEW SOURCE, PROVIDE EXTRA WIRING AS REQUIRED.
  - CARRY COST FOR AINWORTH TO PROVIDE NEW BAS POINT TO COMMUNICATE WITH NEW METER.
- AINWORTH CONTACT INFORMATION:  
 AARON DOBSON, T: 613-247-7938, C: 613-203-1951  
 aaron.dobson@ainsworth.com

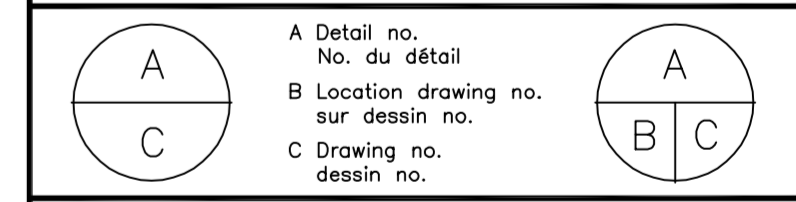
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KEY PLAN PLAN CLÉ

No.	Date	Revision	By:

Date vérifiée en 01/11/2021 et les dimensions et l'état des lieux et en assurer la responsabilité  
 o Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité

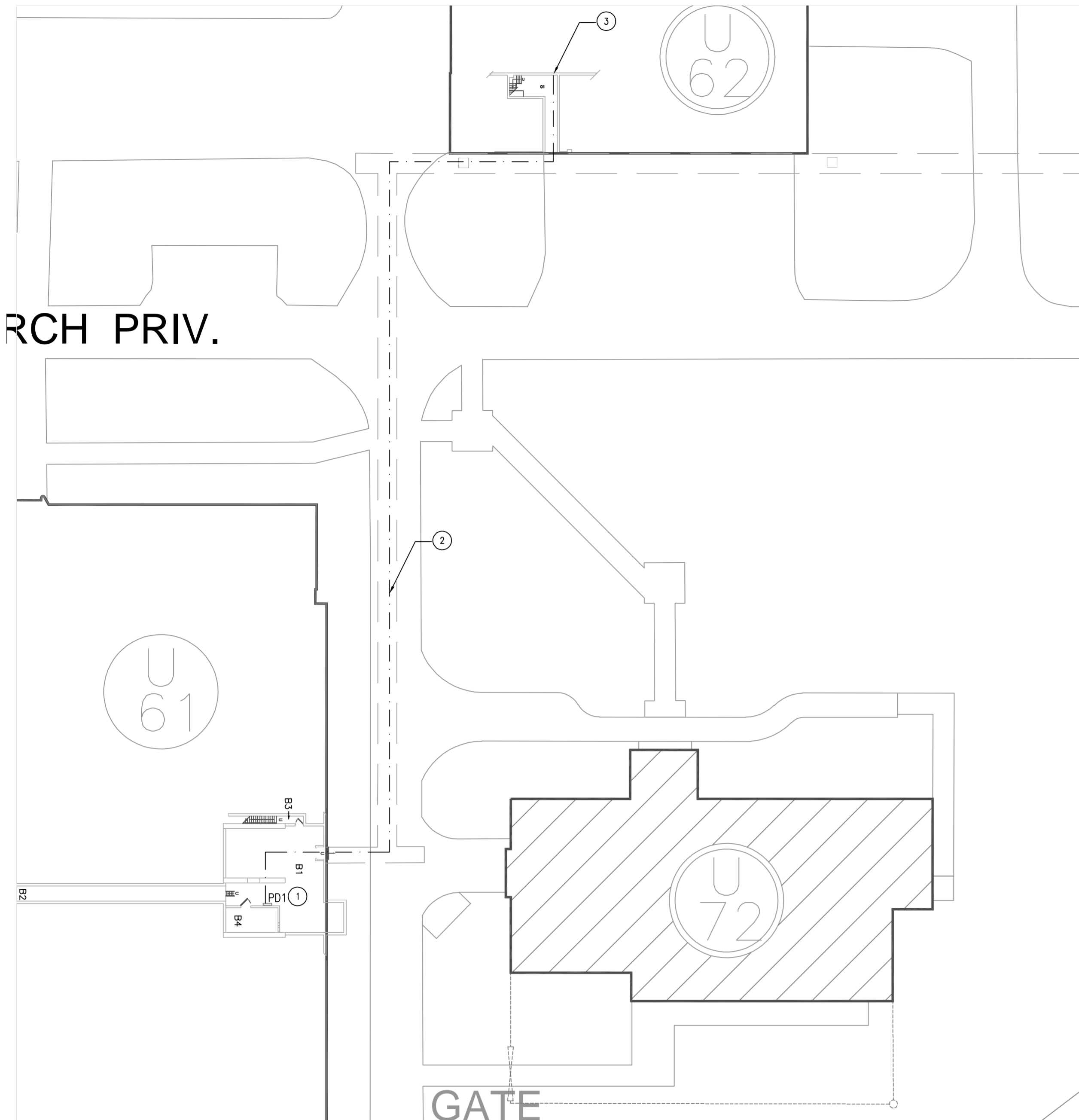


project **BUILDING U62 ELECTRICAL FEEDER UPGRADE** projet  
 UPLANDS ROAD CAMPUS

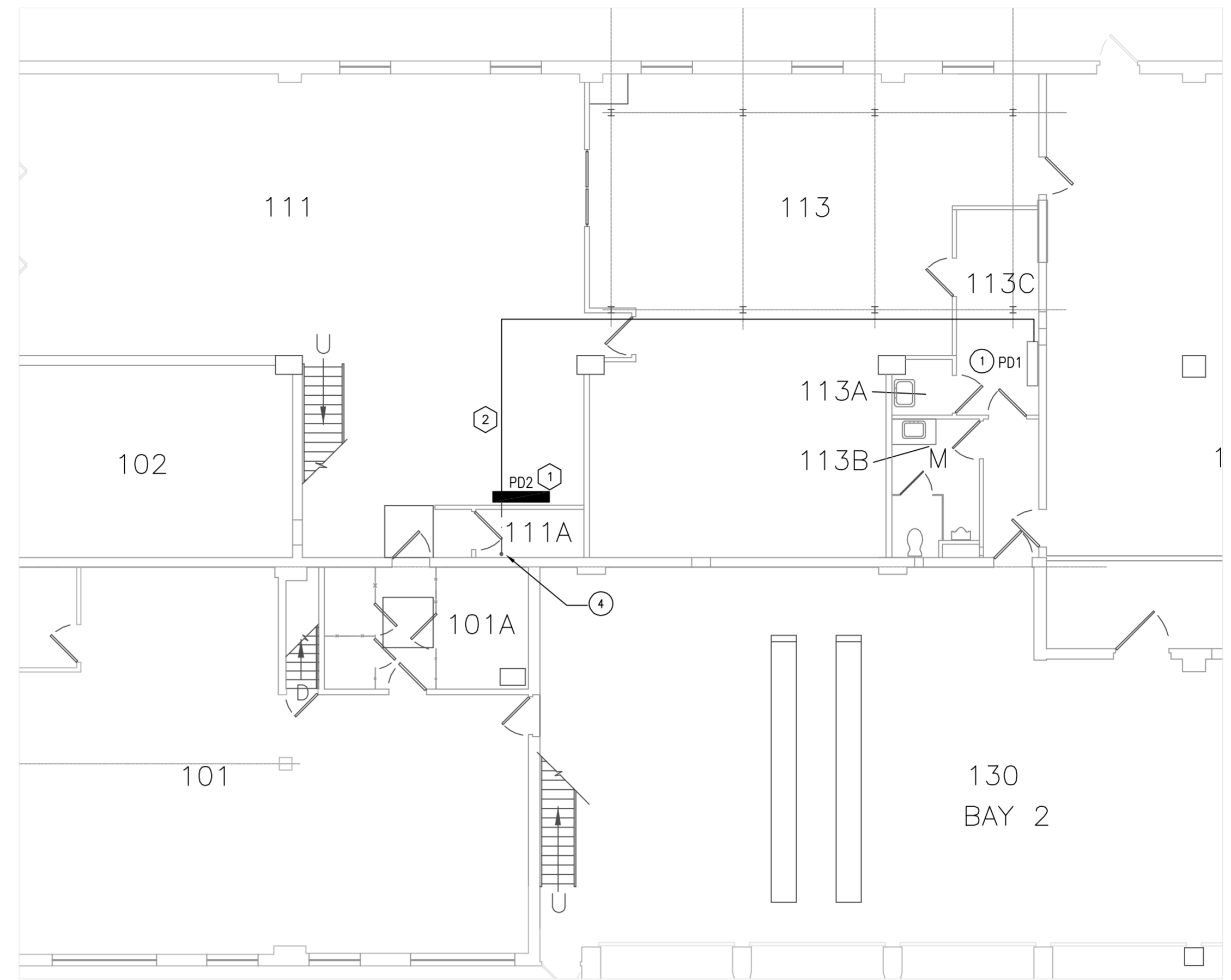
drawing **SITE AND FLOOR PLAN** dessin

designed <b>KXL</b>	conçu	date <b>OCT/2020</b>	date
drawn <b>KXL</b>	dessiné	scale <b>N.T.S</b>	échelle
checked <b>CYC</b>	vérifié	sheet <b>E02 of/de E02</b>	feuille
approved <b>A.L.S</b>	approuvé	W.O.no. <b>A1-011227-21</b>	D.T.no.

dwg.no. **5912-E02** dessin no.



**1** EXISTING U61/U62 BASEMENT AND SITE PLAN  
 SCALE = 1:400



**2** PARTIAL U62 GROUND FLOOR PLAN  
 SCALE = 1:100

- DEMOLITION NOTES:** ☉
- EXISTING PANEL TO REMAIN
  - EXISTING WIRING TO BE DISCONNECTED AND REMOVED OUT OF NRC PROPERTY
  - UP TO GROUND FLOOR
  - DOWN TO BASEMENT

- NEW WORK NOTES:** ☉
- PROVIDE NEW PANEL
  - EXISTING WIRING TO BE RE-ROUTED TO NEW PANEL

