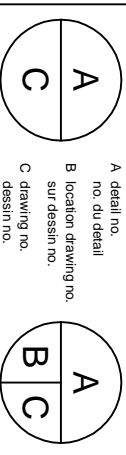


Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

revisions	description	date	



project

projet

GOCB
COOLING_TOWER
REPLACEMENT

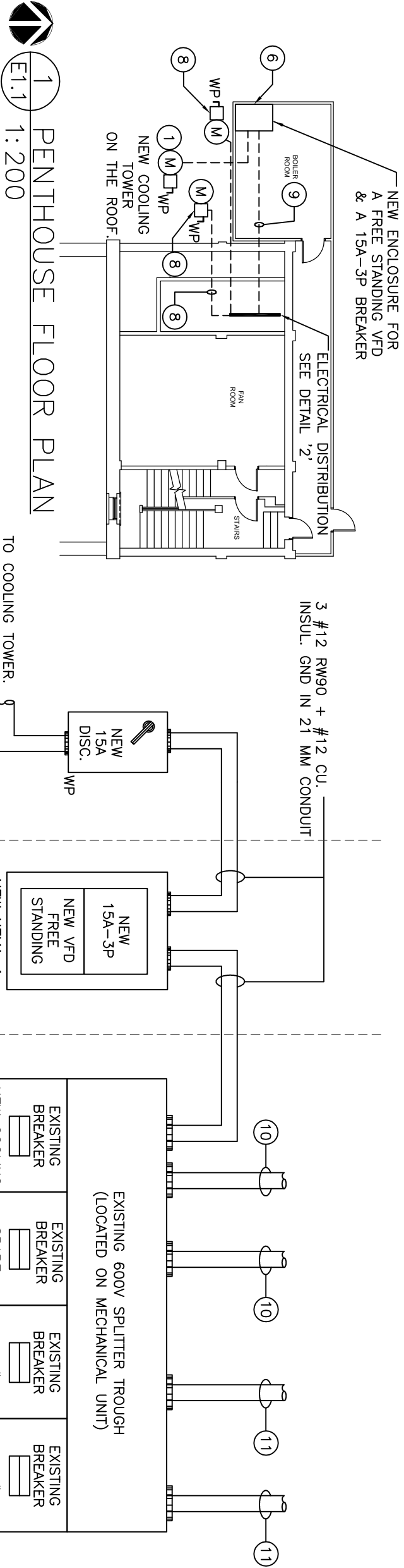
ADDRESS

drawing

dessin

ELECTRICAL
PLAN

Designed By	LEQ/DCH	Compu par
Date	2013/07/31	(yyyy/mm/dd)
Drawn By	LEQ	Dessiné par
Date	DATE_DRA	(yyyy/mm/dd)
Reviewed By	DCH	Examiné par
Date	DATE_REV	(yyyy/mm/dd)
Approved By	DCH	Approuvé par
Date	DATE_APP	(yyyy/mm/dd)
Tender	TENDER	Soumission
Project Manager	PROJECT_MAN	Administrateur de projets
Project no.	No. du projet	
	R058112.002	
Drawing no.	No. du dessin	
	E-1	



DRAWING NOTES

- 1

NEW COOLING TOWER REPLACING THE EXISTING COOLING TOWER IN THE SAME LOCATION ON THE ROOF. RUN NEW FEEDERS FROM VFD IN BOILER ROOM.
- 2

BREAKER BAY-1 FEEDS THE EXISTING COOLING TOWER ON THE ROOF. DISCONNECT POWER FROM THE UNIT AND DELETE ALL ASSOCIATED WIRING. REUSE BREAKER FOR NEW COOLING TOWER FEED.
- 3

EXISTING HAND/OFF/AUTO FOR BREAKER BAY-1 TO BE REMOVED. EXTEND CONTROLS TO THE VFD DRIVE IN THE BOILER ROOM.
- 4

BREAKER BAY-2 FEEDS THE EXISTING COOLING TOWER ON THE ROOF. DISCONNECT POWER FROM THE UNIT AND DELETE ALL ASSOCIATED CONDUIT AND WIRING. BREAKER SHALL BE SPARE.
- 5

EXISTING HAND/OFF/AUTO FOR BREAKER BAY-2 TO SHALL REMAIN AS SPARE.
- 6

PROVIDE AN INTEGRAL 15A-3P BREAKER FOR THE VFD. THE 15A-3P BREAKER SHALL HAVE A 22KAIC RATING.
- 7

IN-LINE ELECTRICAL WATER FILTER. FILTER SHALL BE FED FROM THE NEAREST ROOM RECEPTACLE CIRCUIT.
- 8

EXISTING WP DISCONNECTS, CONDUIT AND WIRE FOR OLD COOLING TOWER SHALL BE REMOVED.
- 9

RUN NEW CONDUIT AND WIRE TO NEW VFD LOCATION. ALL CONDUIT FITTINGS AND BOXES SHALL BE WATERTIGHT.
- 10

EXISTING CONDUIT AND WIRE TO BE REMOVED.
- 11

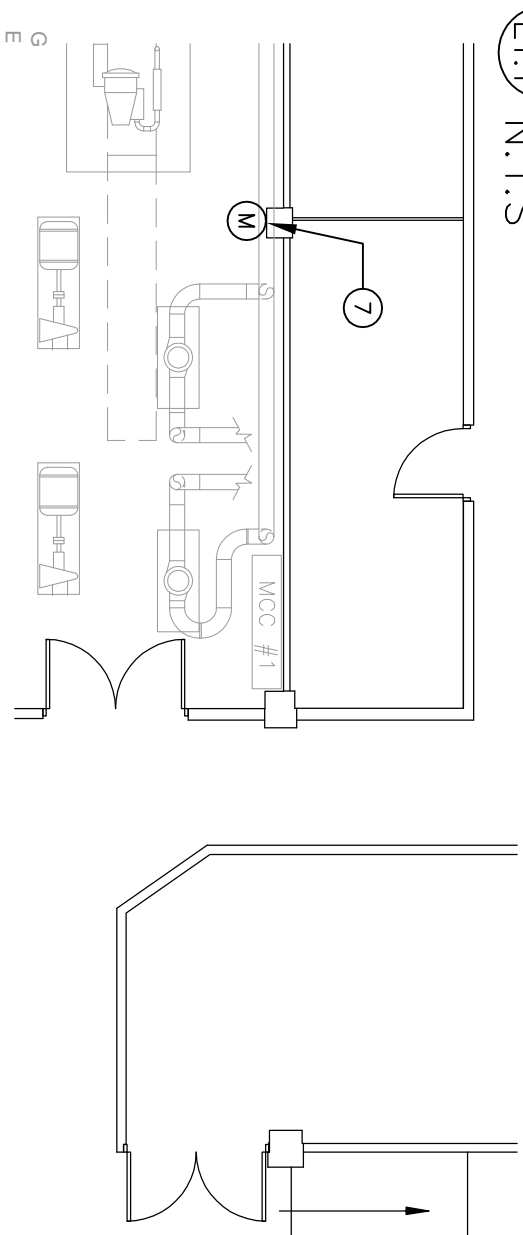
EXISTING CONDUIT AND WIRE TO DISTRIBUTION SHALL REMAIN.

DRAWING NOTES CNTD.

GENERAL NOTES

1. CO-ORDINATE THE LOCATION OF NEW & EXISTING EQUIPMENT WITH MECHANICAL DRAWINGS.
2. PATCH AND REPAIR EXISTING WALLS WHERE ELECTRICAL DEVICES HAVE BEEN REMOVED.
3. ALL DEMOLISHED ELECTRICAL ITEMS SHALL BE TURNED OVER TO THE OWNER. ITEMS NOT REQUIRED BY OWNER SHALL BE RECYCLED OR SAFELY DISPOSED OF BY THE ELECTRICAL CONTRACTOR.

3 BASEMENT FLOOR PLAN



ASSOCIATION OF PROFESSIONAL ENGINEERS
OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.

NUMBER 52

PERMISSION TO CONSULT HELD BY: SIGNATURE
DISCIPLINE SASK. REG. NO.
ELECTRICAL 11029