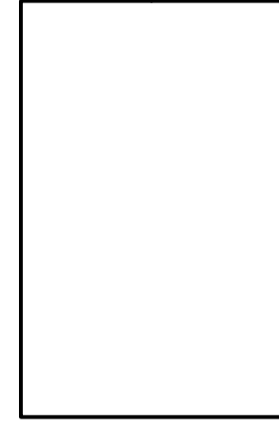


EXISTING SQUARE D MAIN BREAKER PANEL 120/208V / 3P

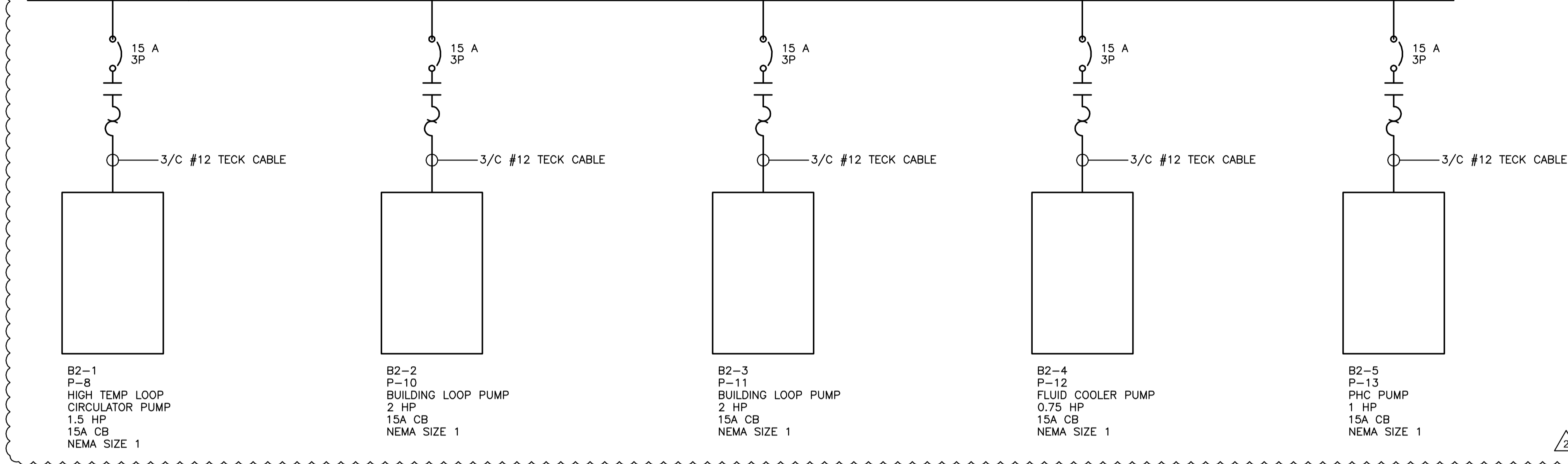
200 A 3P
4/C #3/0 TECK CABLE



Panel B100
120/208V / 3P
225A
42 cct.

MCC-B 120/208V / 3P

200 A 3P
4/C #3/0 TECK CABLE



B2-1
P-8
HIGH TEMP LOOP
CIRCULATOR PUMP
2 HP
15A CB
NEMA SIZE 1

B2-2
P-10
BUILDING LOOP PUMP
2 HP
15A CB
NEMA SIZE 1

B2-3
P-11
BUILDING LOOP PUMP
2 HP
15A CB
NEMA SIZE 1

B2-4
P-12
FLUID COOLER PUMP
0.75 HP
15A CB
NEMA SIZE 1

B2-5
P-13
PHC PUMP
1 HP
15A CB
NEMA SIZE 1

1 ADDITION TO MAIN DISTRIBUTION
N.T.S.

EXISTING DISTRIBUTION "B"

CCT-1,3,5
20 A
3P



MUA-1
MAKE UP AIR
UNIT MOTOR
3 HP

EXISTING

EXISTING DISTRIBUTION "B"

NOTE 1
CCT-1,3,5
30 A
3P

3/C #12
TECK CABLE

NOTE 2
VFD-1
MAKE UP AIR
UNIT VFD
7.5 HP

NOTE 3
3/C #12
TECK CABLE

NOTE 4
NOTE 5
MUA-1
MAKE UP AIR
UNIT MOTOR
7.5 HP

NEW

2 CHANGE TO DISTRIBUTION "B"
N.T.S.

PANEL B100

CCT-13
15 A

2/C #12
TECK CABLE

NOTE 6
EXHAUST FAN
SPEED CONTROLLER
IN NEW ELECTRICAL ROOM

2/C #12
TECK CABLE

CHANGE ROOM EXHAUST
FAN MOTOR (EXISTING)

3 CHANGE TO EXISTING CHANGE ROOM FAN
N.T.S.

- NOTES :
- 1 Replace existing breaker with new 30A breaker.
 - 2 VFD-1 supplied and installed by Div 23. Electrical power connections by Div 26, Control connections by Div 23.
 - 3 Replace existing cable.
 - 4 Replace existing disconnect switch with new 30A NEMA 4X disconnect switch. In the switch, an "early-break" auxiliary set of contacts shall be interlocked with the VFD's Stop input. "early-break" auxiliary set of contacts shall be wired by Division 26.
 - 5 MUA-1 motor supplied and installed by Div 23.
 - 6 Fan speed controller supplied and installed by Div 23. Cable and termination by Div 26.

2	ISSUED FOR ADDENDUM 4	ES	2009.01.06
1	ISSUED FOR ADDENDUM 2	ES	2008.12.12
0	ISSUED FOR ADDENDUM 1	ES	2008.12.05
NO.	REVISION/DESCRIPTION	BY	DATE



DRAWN BY	ES	CHECKED BY	APPROVED
DATE	2009.01.06	USER APPROVAL	

CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4

PROJECT
CONFEDERATION BUILDING
SUPPLEMENTARY HEATING UPGRADES
PHASE 1 - CITY BID OPP. NO. 757-2008
457 MAIN STREET, WINNIPEG, MANITOBA

SHEET TITLE
BASEMENT LEVEL
ELECTRICAL SINGLE LINE



Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2009

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SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	105111	E02