

PP-11944  
10/29/2019

**NORR**

2300, 411 1st Street SE,  
Calgary, Alberta, Canada T2G 4Y5  
norr.com

NORR ARCHITECTS ENGINEERS PLANNERS  
A Partnership of Limited Companies

Victor Smith, Architect, AAA, B.Arch, M.A.S.C.  
Bruce McKenzie, Architect, AAA, B.Arch, M.A.S.C.  
A. Shih Saldamando, Architect, AAA, B.Arch, M.A.S.C.  
Arián Torkella, P.Eng., A.P.E.G.A.  
Chris Pat, P.Eng., A.P.E.G.A.

Revision	Description	Date
4	ISSUED FOR CONSTRUCTION	2019/10/29
3	ISSUED FOR 90% REVIEW	2019/08/29
2	ISSUED FOR 60% REVIEW	2019/05/09
1	ISSUED FOR 30% REVIEW	2019/03/14

Revision Description Date  
Client client

PSPC

10025 JASPER AVE  
EDMONTON, ALBERTA, T5J 1S6  
PH. 780-919-9445

Project Title / Titre du projet  
JASPER STAFF HOUSING CONSTRUCTION

5 PLEX

902 PATRICIA STREET  
JASPER, AB, T0E 1E0

Designed by / Conçu par  
H. HUANG

Drawn by / Dessiné par  
D. GREGOIRE

Approved by / Approuvé par  
T. HIRE

Project Manager / Administrateur de Projets  
ROB HAFER

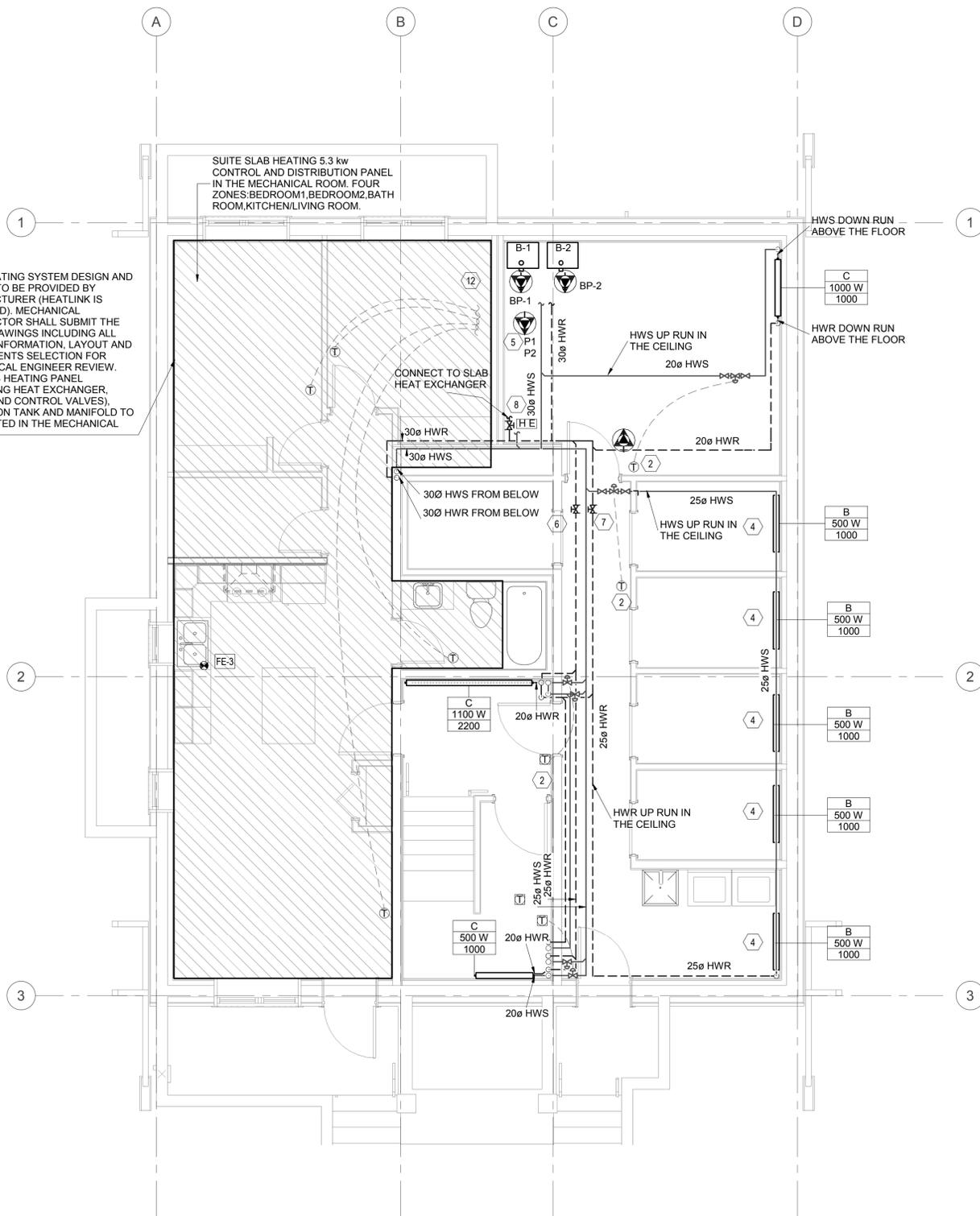
Drawing Title / Titre du dessin

LOWER LEVEL AND MAIN FLOOR  
HEATING PLAN

Project no./No. du projet Drawing no./No. du dessin Revision no.

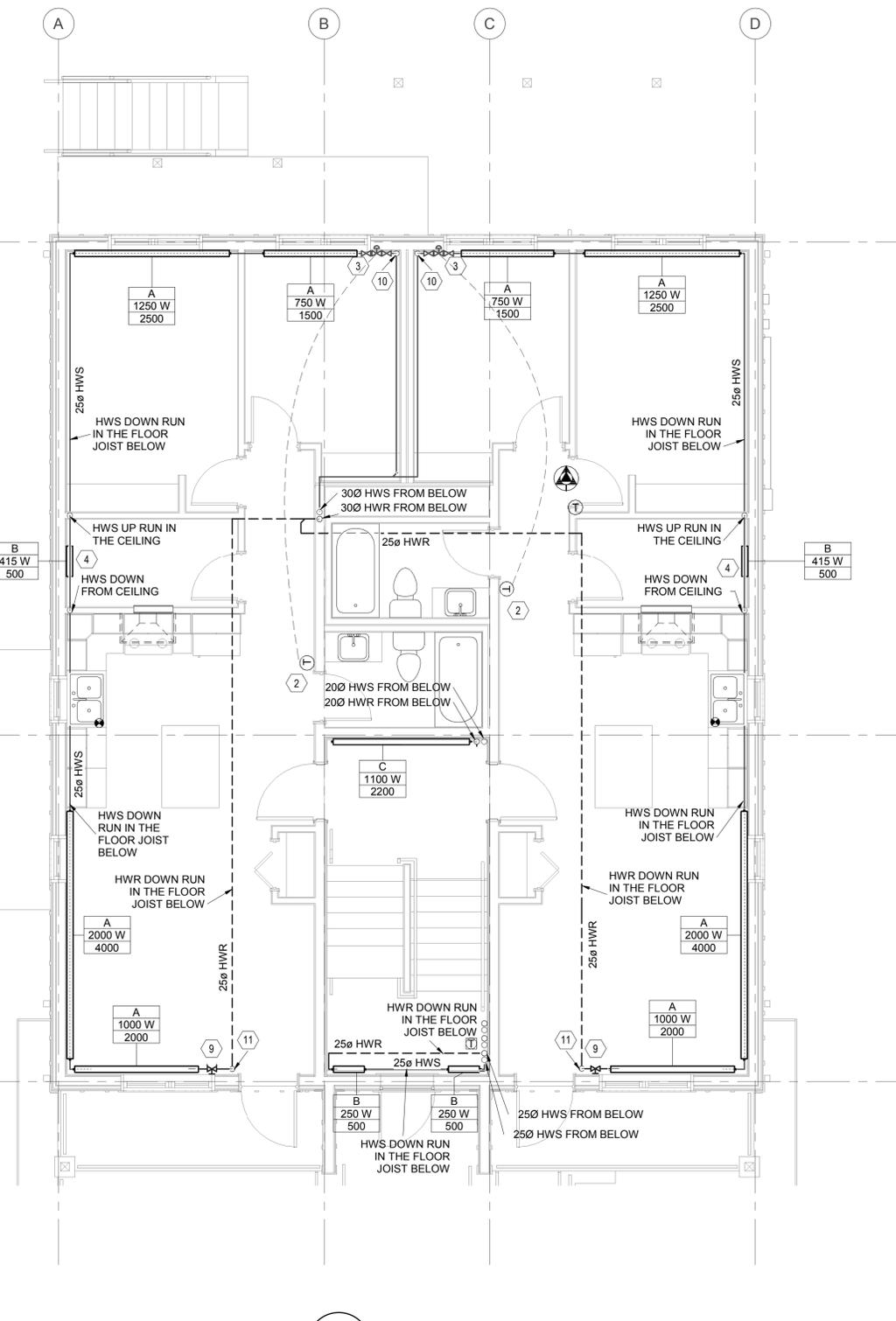
R.100429.001 M4.1 4

OF



**1**  
LOWER LEVEL HEATING PLAN  
SCALE: 1 : 50

**GENERAL NOTES:**  
A. ALL HWS AND HWR SHALL BE 20Ø OR OTHERWISE NOTED.  
B. PROVIDE RADIATION CABINET FOR HEATING PIPING AS INDICATED.  
C. AIR TRAP TO BE PROVIDED AS REQUIRED.  
D. CONTRACTOR TO COORDINATE WITH JOIST MANUFACTURER REGARDING THE LOCATION OF PIPE PENETRATION THROUGH THE JOIST PRIOR TO CONSTRUCTION.



**2**  
MAIN LEVEL HEATING PLAN  
SCALE: 1 : 50

- KEYNOTES:**
- 20Ø HWS & HWR PIPING CONNECT TO CABINET UNIT HEATER AT ENTRANCE. CONTROLLED BY THERMOSTAT.
  - MOUNT THERMOSTAT @ 1500 MM A.F.F. TYP. PROVIDE LOCKABLE COVER FOR THERMOSTATS IN PUBLIC AREA.
  - CENTRAL VALVE AND ISOLATION VALVE.
  - TYPE B HEAT BASEBOARD INSTALLED BELOW CEILING.
  - STACK MOUNTING P-1 & P-2.
  - CIRCUIT BALANCING VALVE AT 0.15L/S.
  - CIRCUIT BALANCING VALVE AT 0.15L/S.
  - CIRCUIT BALANCING VALVE AT 0.30L/S.
  - CIRCUIT BALANCING VALVE AT 0.20L/S TO BE INSTALLED INSIDE THE BASEBOARD CABINET.
  - HWS UP FROM JOIST TO BASEBOARD CABINET.
  - HWR DOWN RUN IN THE FLOOR JOIST BELOW.
  - THERMOSTATS TO BE CONNECTED TO CONTROL AND DISTRIBUTION PANEL IN THE MECHANICAL ROOM. PROVIDE LOCKABLE COVER FOR THERMOSTATS IN PUBLIC AREA.

