

ALBERTA PERMIT TO PRACTICE  
NUMBER-11944  
MARCH 6, 2020

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

NORR ARCHITECTS ENGINEERS PLANNERS  
A Partnership of Limited Companies

Volet Smith, Architect, AAA, B.Arch, M.A.S.C.  
Bruce McKenzie, Architect, AAA, B.Arch, M.A.S.C.  
A. Siro Saldamando, Architect, AAA, B.Arch, M.A.S.C.  
Amin Torkala, P.Eng., A.P.E.G.A.  
Chris Pat, P.Eng., A.P.E.G.A.

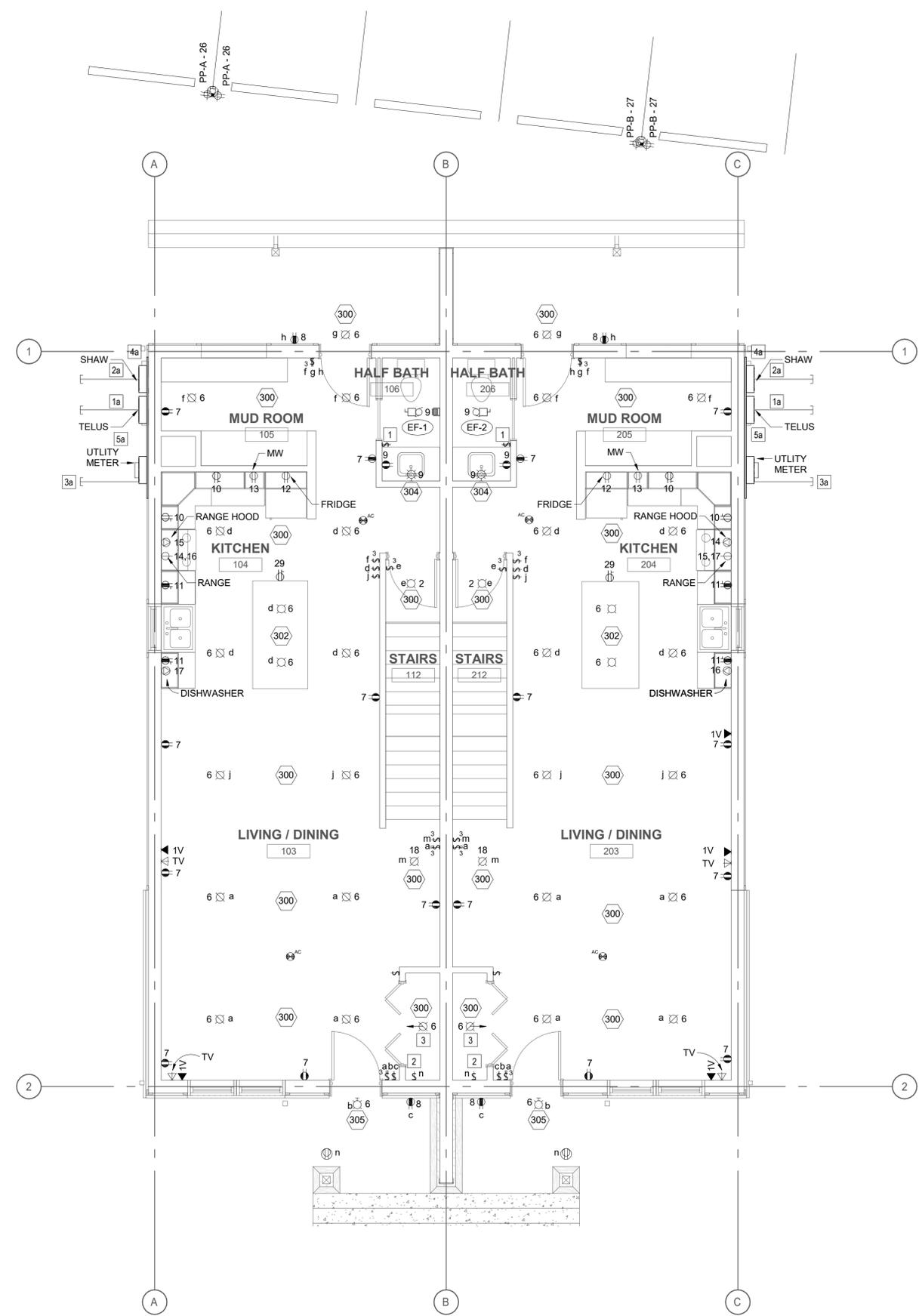
Rev	Description	Date
5	ISSUED FOR CONSTRUCTION	2020-03-06
3	95% CLIENT REVIEW	2019-08-29
2	66% CLIENT REVIEW	2019-05-09
1	33% CLIENT REVIEW	2019-03-14

Client: **PSPC**  
10025 JASPER AVE  
EDMONTON, AB, T5J 1S6  
PH. 780-919-9445

Project Title: **JASPER STAFF HOUSING CONSTRUCTION**  
Duplex  
**720 PATRICIA STREET  
JASPER, AB, T0E 1E0**

Designed by: R.ALLEN  
Drawn by: F.HAK  
Approved by: D.HIDER  
Project Manager / Administrateur de Projets: ROB HAFER

Drawing Title: **POWER & LIGHTING PLAN - MAIN FLOOR**



**1 POWER & LIGHTING PLAN - MAIN FLOOR**  
SCALE: 1 : 50

**GENERAL NOTES:**

- A. REFER TO DRAWING E4.0 FOR PANEL SCHEDULES
- B. REFER TO DRAWING E4.0 FOR LUMINAIRE SCHEDULES.
- C. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT SCHEDULE.
- D. ALL ELECTRICAL RISER CONDUIT, AND OPENINGS TO BE COORDINATED WITH ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGH IN.
- E. ELECTRICAL CONTRACTOR SHALL SUBMIT SLEEVING DRAWINGS INDICATING THE LAYOUT AND SIZING OF ALL INTENDED PENETRATIONS, THROUGH STRUCTURAL ELEMENTS, INCLUDING EMBEDDED ITEMS, FOR REVIEW BY CONSULTANT WELL IN ADVANCE OF COMPLETING THE WORK.
- F. MECHANICAL/ELECTRICAL SYSTEMS, THEIR SUPPORTS AND THE LIKE, MUST BE DESIGNED AND DETAILED TO ACCOMMODATE THE ANTICIPATED MOVEMENTS NOTED UNDER 'SERVICEABILITY CRITERIA' ON STRUCTURAL DRAWINGS.
- G. DESIGN AND DETAIL ALL NECESSARY SEISMIC RESTRAINTS FOR MECHANICAL / ELECTRICAL SYSTEMS SHOWN ON THE CONTRACT DOCUMENTS. SUBMIT SHOP DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE PROVINCE OF ALBERTA, FOR REVIEW BY CONSULTANTS.
- H. ELECTRICAL EQUIPMENT SHOWN REPRESENTS GENERAL EQUIPMENT CONFIGURATION AND SIZING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT FINAL SELECTED WILL FIT IN LOCATIONS INDICATED.
- I. PROVIDE FIRE STOPPING ON ALL CABLE PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES.
- J. ALL RECEPTACLES TO BE CONNECTED TO ARC FAULT BREAKERS AS PER CEC 2018.
- K. ALL RECEPTACLES NOT INSTALLED BEHIND KITCHEN EQUIPMENT SHALL BE TAMPER RESISTANT AS PER CEC 2015.
- L. KITCHEN COUNTER RECEPTACLES SHALL BE 20A T-SLOT AS PER CEC 2015.
- M. COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF RECEPTACLES, INCLUDING MICROWAVE, WITH ARCHITECTURAL.
- N. DO NOT INSTALL OULET BOXES BACK TO BACK IN WALLS. OFFSET OUTLETS HORIZONTALLY A MINIMUM OF 406mm AS PER CODE. OUTLET BOXES TO BE SEALED.
- O. INSTALL EXTERIOR RECEPTACLES HORIZONTALLY COMPLETE WITH WEATHER PROOF COVERS AS PER CEC 2018.
- P. ALL GFCI AND AFCI BREAKERS TO MATCH THE RECEPTACLES.
- Q. SUPPLY AND INSTALL GFCI BREAKERS AND RECEPTACLES TO MEET REQUIREMENTS OF CEC 2018.
- R. COORDINATE LOCATIONS AND HEIGHT OF LUMINAIRES WITH ALL MECHANICAL DUCTWORK, PIPING AND STRUCTURAL MEMBERS.
- S. IN SUITE CIRCUITING REPRESENTS GENERAL COORDINATION AND GROUPING OF CIRCUITS. REFER TO PANEL SCHEDULE THAT CORRESPONDS TO SPECIFIC SUITE TYPE.

**REFERRAL NOTES:**

- 1 15 MIN WALL TIMER TO BE INTERCONNECTED WITH EXHAUST FAN. TIMER SUPPLIED BY MECHANICAL AND WIRED BY ELECTRICAL.
- 2 SWITCH FOR EXTERIOR SOFFIT RECEPTACLE.
- 3 FIXTURE TO BE MOUNTED ON INSIDE VERTICAL FACE OF CLOSET WALL ABOVE CLOSET DOOR.

**UTILITY GENERAL NOTES:**

- A. ALL UNDERGROUND UTILITY DUCTING TO BE RIGID PVC.
- B. SECONDARY DUCTING AND CABLING FROM POLE MOUNTED TRANSFORMER TO PROPERTY LINE BY ATCO. SECONDARY DUCTING AND CABLING FROM PROPERTY LINE TO TO BUILDING METERING LOCATION BY ELECTRICAL CONTRACTOR.
- C. BUILDING METERING TO BE INSTALLED IN ACCORDANCE WITH ATCO INSTALLATION GUIDELINES AND REQUIREMENTS.

**UTILITY REFERRAL NOTES:**

- 1a 1X103mm CONDUIT, C/W PULL STRING, RUN TO EDGE PROPERTY LINE FOR TELUS. COORDINATE FINAL LOCATION WITH UTILITY.
- 2a 1X53mm CONDUIT RUN, C/W PULLSTRING, RUN TO PROPERTY LINE FOR SHAW. COORDINATE FINAL LOCATION WITH UTILITY.
- 3a POWER CONDUITS RUN TO PROPERTY LINE. REFER TO SINGLE LINE FOR CONDUIT SIZES. COORDINATE FINAL LOCATION WITH UTILITY.
- 4a MAIN SHAW UTILITY SERVICE BOX.
- 5a 300MM X 300MM MAIN TELUS UTILITY SERVICE BOX.

