

ALBERTA PERMIT TO PRACTICE
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03/06/2020

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Rev	Description	Date
6	ISSUED FOR CONSTRUCTION 2	2020-03-06
5	ISSUED FOR ADDENDUM E01	2019-11-19
4	ISSUED FOR CONSTRUCTION	2019-10-29
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: **JASPER STAFF HOUSING CONSTRUCTION**

5 PLEX

902 PATRICIA STREET
JASPER, AB, T0E 1E0

Designed by: **R.ALLEN**

Drawn by: **F.HAK**

Approved by: **D.HIDER**

Checked by: **ROB HAFER**

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

Project No: **R.100429.001**

Sheet No: **E2.0**

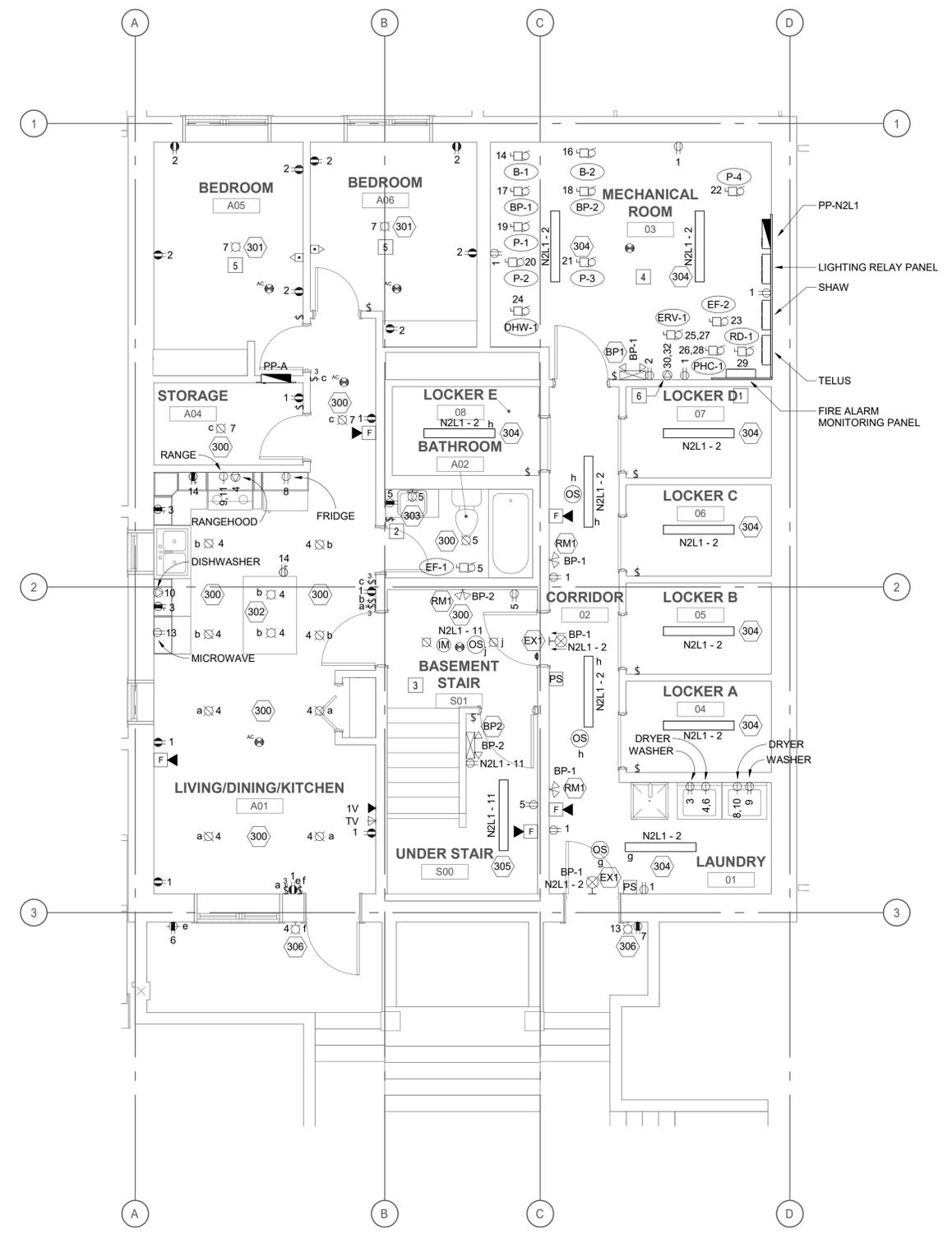
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GENERAL NOTES:

- 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 2015.
- 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 2015.
- P. ALL GFCI AND AFCI BREAKERS TO MATCH THE RECEPTACLES.
- Q. SUPPLY AND INSTALL GFCI BREAKERS AND RECEPTACLES TO MEET REQUIREMENTS OF CEC 2015.
- 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. PROVIDE CELLULAR CALL OUT AS BACKUP TO HARDWIRED MONITORING. COORDINATE MONITORING REQUIREMENTS WITH FIRE DEPARTMENT AND LOCAL AHJ.
2. 30MIN WALL TIMER TO BE INTERCONNECTED WITH EXHAUST FAN. TIMER SUPPLIED BY MECHANICAL AND WIRED BY ELECTRICAL.
3. FOR STAIRWELL LIGHTING 1 LIGHT WILL REMAIN UNSWITCHED AND ALWAYS ON. LIGHT WILL TURN OFF ON WITH OCCUPANCY SENSOR. SENSOR WILL TURN LIGHT OFF AFTER 30s OF INACTIVITY.
4. CIRCUITS SHOWN IN THIS ROOM WHERE PANEL DESIGNATION NOT INDICATED ARE TAKEN FROM PANEL N2L1.
5. JUNCTION BOX TO BE CAPABLE OF SUPPORTING A CEILING FAN, ADDITIONAL REINFORCEMENT TO BE INSTALLED AS REQUIRED. CEILING FAN TO BE LOW PROFILE 5 BLADE FAN WITH MAX. DIAMETER OF 42". FAN TO BE CHAIN OPERATED, WITH 3 SPEED, ON/OFF OPERABILITY. FAN LIGHT TO SUPPORT MIN 2 13W LED BULBS.
6. CONNECTION FOR INSLAB HEATING CONTROL PANEL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL PRIOR TO ROUGH IN AND INSTALLATION.



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E2.0 POWER & LIGHTING PLAN - LOWER FLOOR
SCALE: 1 : 50

