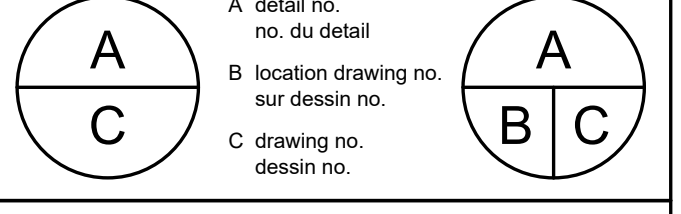




L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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4	ISSUED FOR TENDER	2019-01-07
3	ISSUED FOR TENDER REVIEW	2018-11-27
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1	ISSUED FOR 66% REVIEW	2018-10-12



project project

DID LAB RENOVATIONS

OTTAWA, ONTARIO

drawing dessin

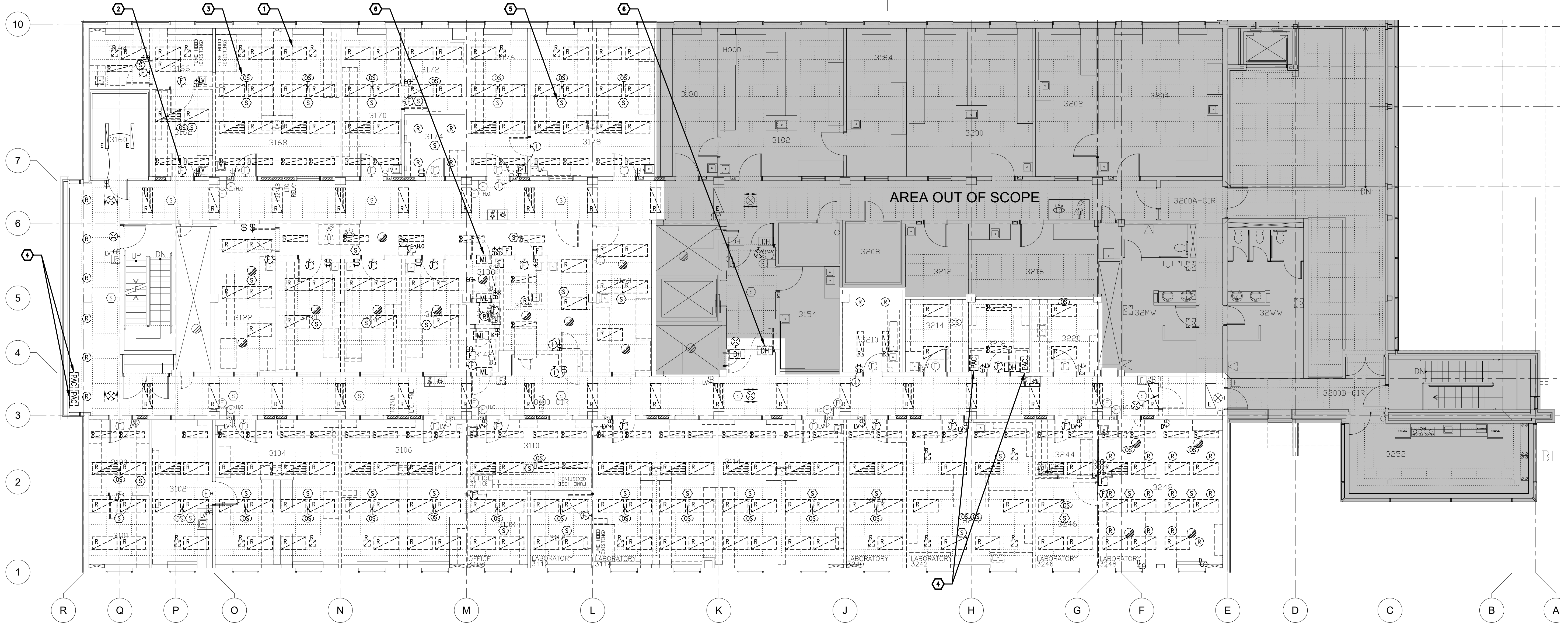
LIGHTING & FIRE ALARM DEMOLITION WORK

Designed By	ED	Conçu par	ED
Date	NOV 2018	(yyyy/mm/dd)	
Drawn By	ED	Dessiné par	ED
Date	NOV 2018	(yyyy/mm/dd)	
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Tender	ANNE RICHARDS	Soumission	

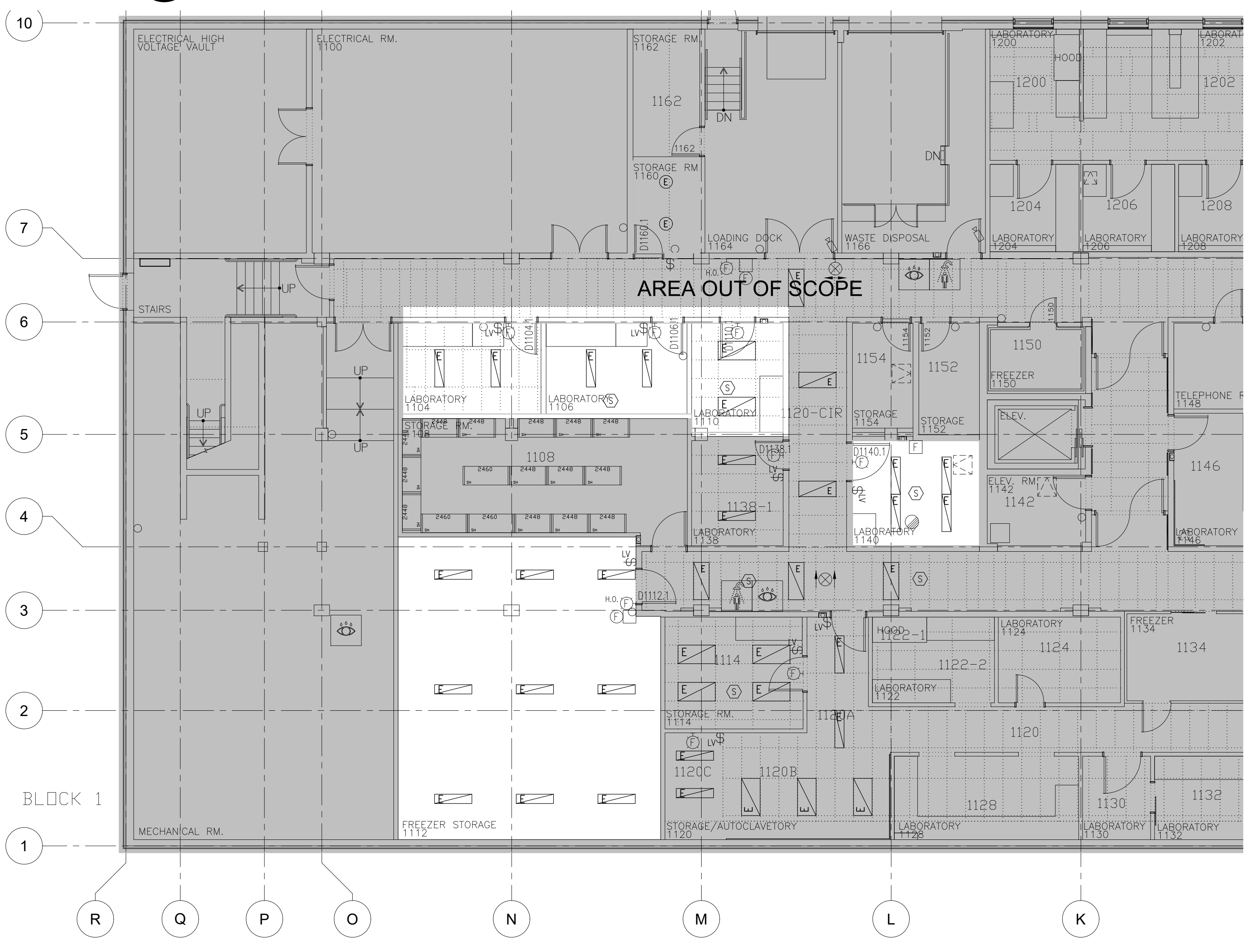
Project Manager Administrateur de projets
Project no. No. du projet

PTS 4845

Drawing no. No. du dessin
E2



3RD FLOOR LIGHTING & FIRE ALARM - DEMOLITION WORK
1 E2 1:100



GROUND FLOOR - LIGHTING & FIRE ALARM
2 E2 1:100

- DRAWING NOTES**
- TYPICAL: DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AS SHOWN. REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX AND MAKE SAFE.
 - TYPICAL: DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES AS SHOWN. RETAIN DEVICES FOR REUSE IN NEW LAYOUT. DISCARD EXCESS DEVICES. REMOVE CONDUIT AND WIRING BACK TO NEAREST DEVICE. ENSURE CONTINUATION OF LOOP. RETAIN SERVICES OF EXISTING FIRE ALARM CONTRACTOR TO REPROGRAM PANEL TO REMOVE ALL ABANDONED DEVICES.
 - TYPICAL: EXISTING LIGHTING CONTROLS TO BE TEMPORARILY DISCONNECTED TO ALLOW FOR CEILING REPLACEMENT. REINSTATE UPON COMPLETION OF ARCHITECTURAL WORK. REFER TO DRAWING E3 FOR NEW LAYOUT.
 - DISCONNECT EXISTING PRE-ACTION SPRINKLER CABINETS FOR REMOVAL BY MECHANICAL CONTRACTOR. REMOVE CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE. PROVIDE PROGRAMMING TO DISABLE ALARM POINTS AT FIRE ALARM PANEL.
 - TYPICAL: EXISTING P/A SPEAKER TO BE TEMPORARILY DISCONNECTED TO ALLOW FOR CEILING REPLACEMENT. REINSTATE UPON COMPLETION OF ARCHITECTURAL WORK. REFER TO DRAWING E3 FOR NEW LAYOUT.
 - TYPICAL: DISCONNECT EXISTING MAGNETIC LOCKS AND DOOR HOLD OPEN DEVICES. REMOVE CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE. PROVIDE FIRE ALARM PANEL PROGRAMMING TO DISABLE DEVICES AS REQUIRED.

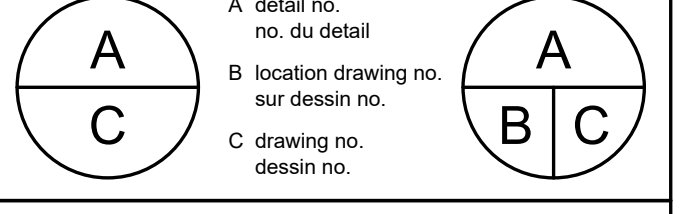
LIGHTING NOTE

ELECTRICAL CONTRACTOR TO TAKE ADDITIONAL CARE DURING REMOVAL OF EXISTING LIGHTING FIXTURES. SOME MAY BE CONNECTED TO EMERGENCY CIRCUITS. COORDINATE WITH BUILDING OPERATOR PRIOR TO SHUT DOWN OF EXISTING EMERGENCY CIRCUITS.



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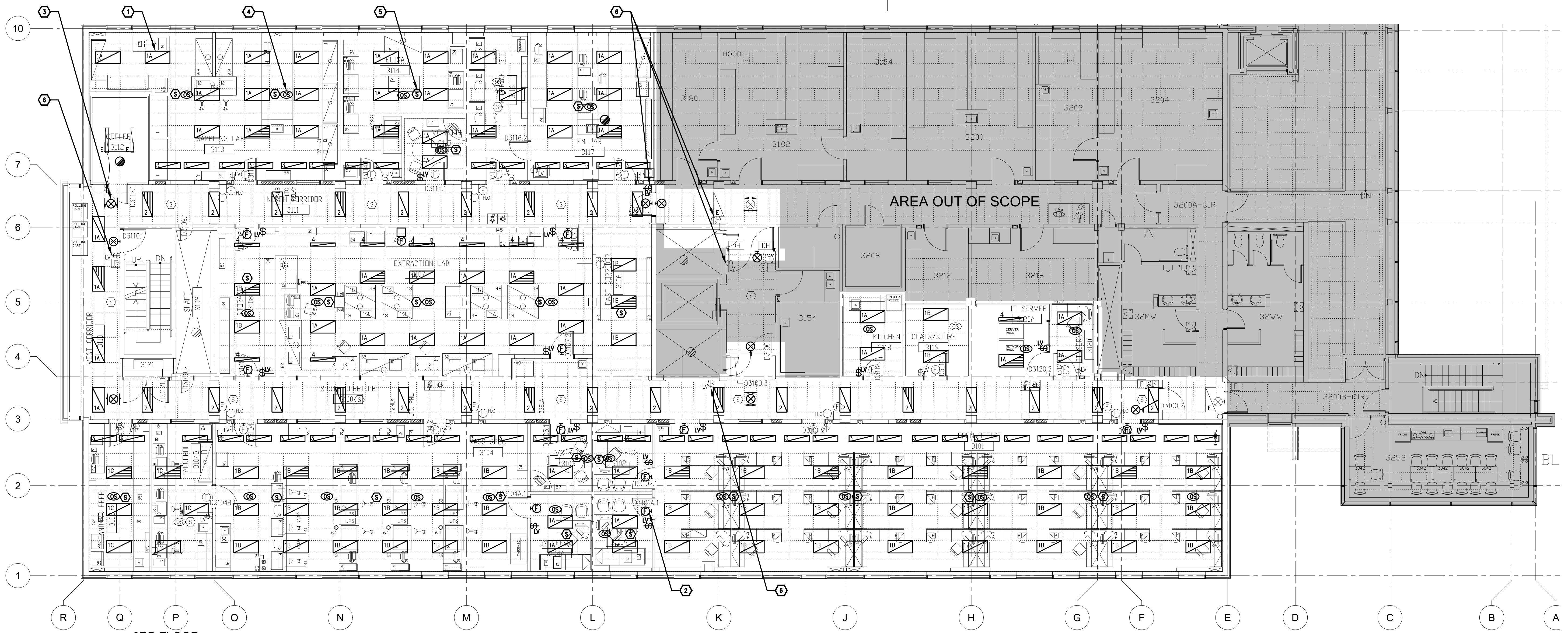


DID LAB RENOVATIONS

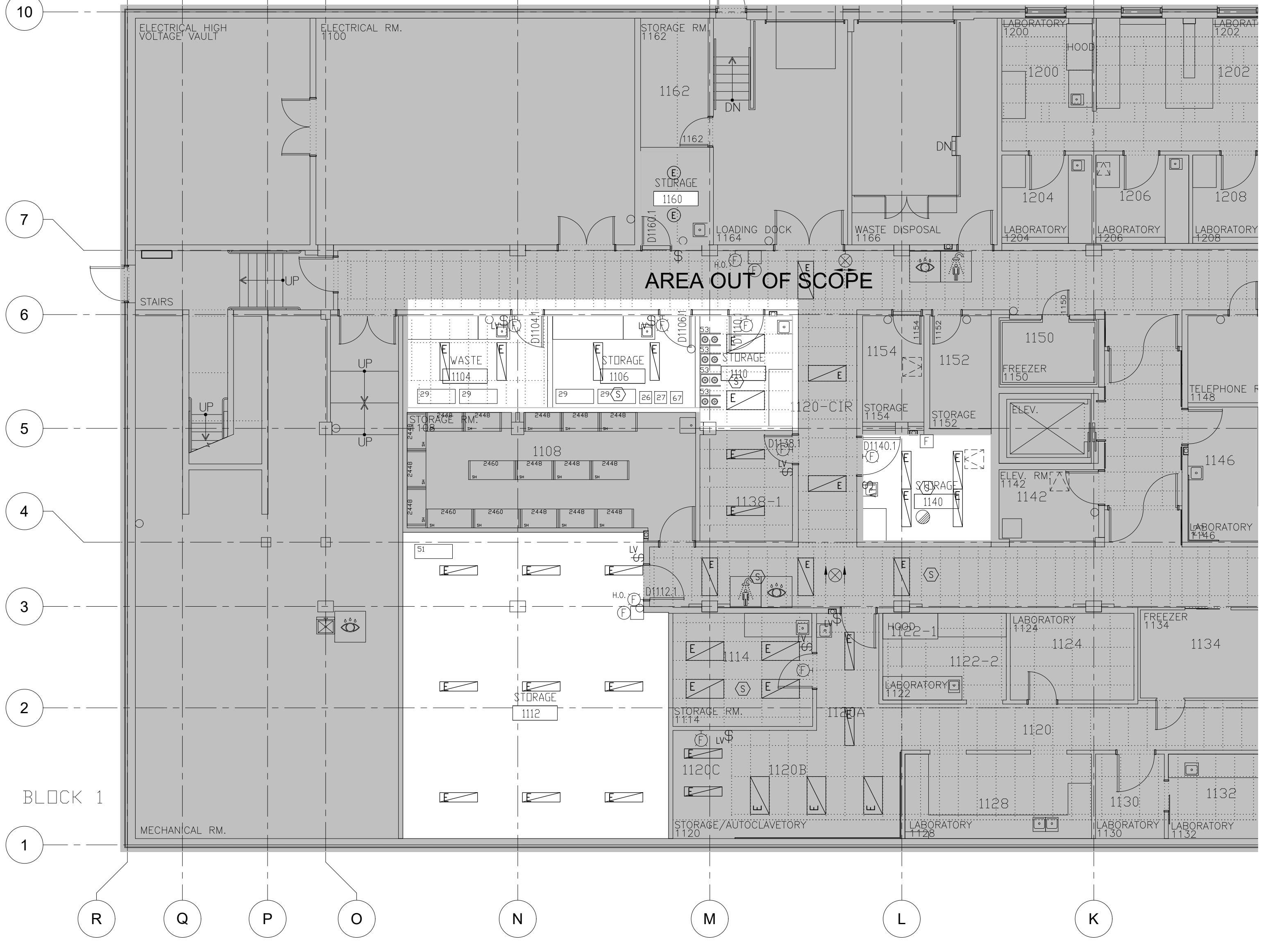
OTTAWA, ONTARIO

LIGHTING & FIRE ALARM NEW WORK

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Date	NOV 2018	(yyyy/mm/dd)	
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Date	NOV 2018	(yyyy/mm/dd)	
Tender	ANNE RICHARDS	Submission	
Project Manager	Administrateur de projets		
Project no.	No. du projet		
	PTS 4845		
Drawing no.	No. du dessin		
	E3		



3RD FLOOR LIGHTING & FIRE ALARM - NEW WORK
E3 1:100



GROUND FLOOR - LIGHTING & FIRE ALARM
E3 1:100

- DRAWING NOTES**
- 1. TYPICAL: PROVIDE NEW LIGHT FIXTURE, TYPE AS INDICATED. REFERENCE LIGHT FIXTURE SCHEDULE ON THIS DRAWING. CONNECT TO EXISTING CIRCUIT AND LIGHTING RELAY PANEL FEEDING THE AREA.
 - 2. TYPICAL: PROVIDE NEW OR RELOCATED FIRE ALARM DEVICE TO MATCH BASE BUILDING STANDARDS. CONNECT TO EXISTING FIRE ALARM CIRCUIT FEEDING THE AREA. REPROGRAM FIRE ALARM PANEL AS REQUIRED.
 - 3. TYPICAL: PROVIDE NEW 120/347V PICTOGRAM TYPE EXIT LIGHT. CONNECT TO NEAREST EMERGENCY CIRCUIT FEEDING EXISTING EXIT LIGHTS.
 - 4. TYPICAL: EXISTING CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR SHOWN IN NEW LOCATION. REWIRE OCCUPANCY SENSOR AND LOW VOLTAGE LIGHT SWITCH TO CONTROL LIGHTS WITHIN ROOM.
 - 5. TYPICAL: EXISTING P/A SPEAKER SHOWN IN NEW LOCATION. EXTEND WIRING AS REQUIRED.
 - 6. REWORK EXISTING CORRIDOR LOW VOLTAGE SWITCH TO SOLELY CONTROL LIGHTS WITHIN AREA OF WORK. PROVIDE RELAYS/CONTACTORS AS REQUIRED.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS
		QTY	TYPE	WATTS			
1A	NEW 1212mmL x 603mmW x 60mmD RECESSED BASKET TYPE LED TROFFER; 4000 LUMENS CURVED LINEAR PRISMATIC LENS; 82CRI; L80 @ 60,000 HOURS	1	LED	31W	4000K	120V	RECESSED T-BAR FIXTURE TO BE RECESSED IN GYPSUM CEILING IN ROOMS 3120 & 3120A. PROVIDE GYPSUM MOUNTING KIT AS REQUIRED.
1B	NEW 1212mmL x 603mmW x 60mmD RECESSED BASKET TYPE LED TROFFER; 3000 LUMENS CURVED LINEAR PRISMATIC LENS; 82CRI; L80 @ 60,000 HOURS	1	LED	23W	4000K	120V	RECESSED T-BAR FIXTURE TO BE RECESSED IN GYPSUM CEILING IN ROOMS 3119. PROVIDE GYPSUM MOUNTING KIT AS REQUIRED.
1C	NEW 1212mmL x 603mmW x 60mmD RECESSED BASKET TYPE LED TROFFER; 4800 LUMENS CURVED LINEAR PRISMATIC LENS; 82CRI; L80 @ 60,000 HOURS	1	LED	38W	4000K	120V	RECESSED T-BAR
2	NEW 1212mmL x 500mmW x 70mmD RECESSED BASKET TYPE LED TROFFER; 3000 LUMENS CURVED LINEAR PRISMATIC LENS; 82 CRI; L80 @ 60,000 HOURS	1	LED	30W	4000K	120V	RECESSED T-BAR
3	NEW LED RETROFIT KIT FOR 1212mmL x 305mmW RECESSED FIXTURE; 2000 LUMENS CURVED LINEAR PRISMATIC LENS; 82 CRI; L80 @ 60,000 HOURS	1	LED	15W	4000K	120V	RECESSED GYPSUM EXISTING RECESSED FRAME TO BE REUSED. REMOVE LENS, TUBES/BALLAST & SOCKETS AND REPLACE WITH RETROFIT KIT. RETROFIT KIT TO BE COMPATIBLE WITH EXISTING FIXTURES: COOPER LIGHTING CAN-FC-232A12/125-120V-MQ-M2RNB1L1120-U
4	NEW 1238mmL SURFACE MOUNTED LED STRIP; 4000 LUMENS CURVED LINEAR PRISMATIC LENS; 82CRI; L80 @ 60,000 HOURS	1	LED	35W	4000K	120V	SURFACE/ SUSPENDED PROVIDE T-BAR SURFACE MOUNTING KIT IN EXTRACTION LAB 3107. PROVIDE AIR CRAFT CABLE MOUNTING KIT IN SERVER ROOM 3120A.

NOTES:
1. ALL ACRYLIC LENSES SHALL BE MINIMUM 0.125" THICK.



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A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project / projet

DID LAB RENOVATIONS

OTTAWA, ONTARIO

drawing / dessin

POWER & SYSTEMS DEMOLITION WORK

Designed By / Conçu par	ED
Date / (yyyy/mm/dd)	NOV 2018
Drawn By / Dessiné par	ED
Date / (yyyy/mm/dd)	NOV 2018
Reviewed By / Examiné par	AM
Date / (yyyy/mm/dd)	NOV 2018
Approved By / Approuvé par	AM
Date / (yyyy/mm/dd)	NOV 2018
Tender / Soumission	ANNE RICHARDS

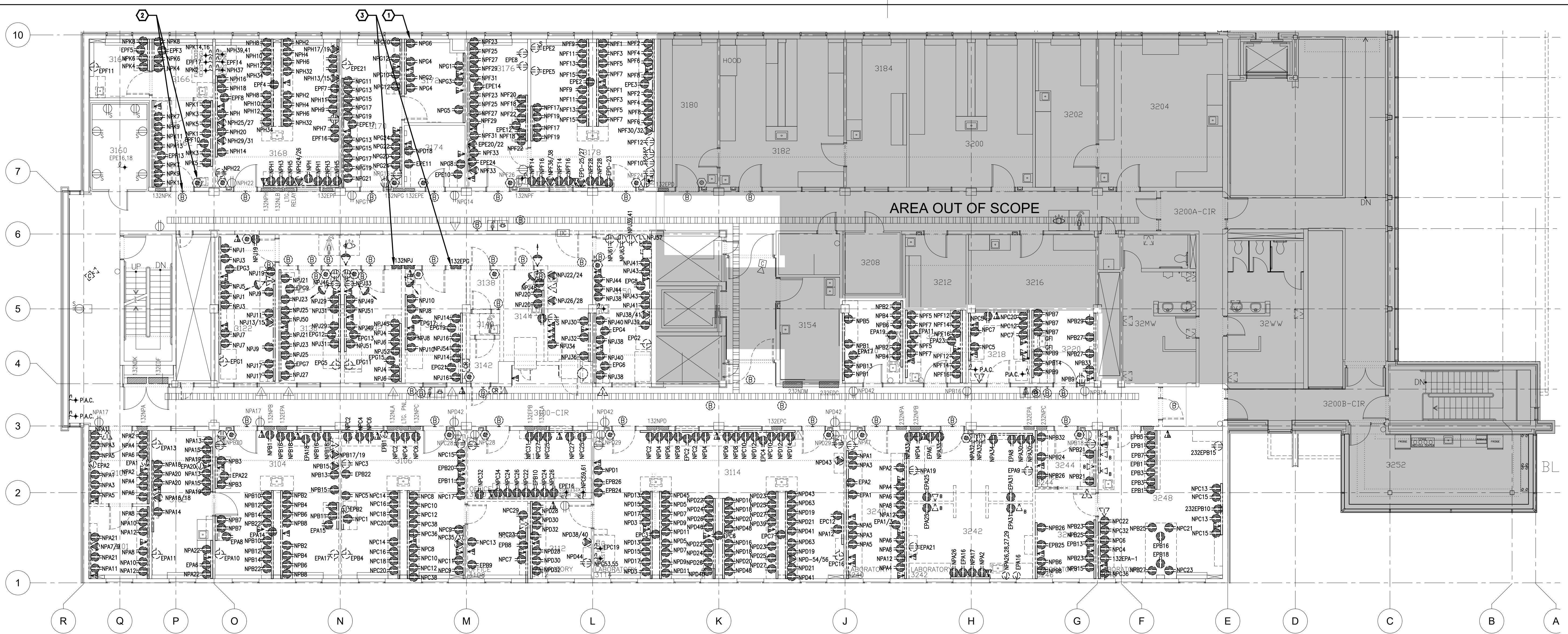
Project Manager / Administrateur de projets

Project no. / No. du projet

PTS 4845

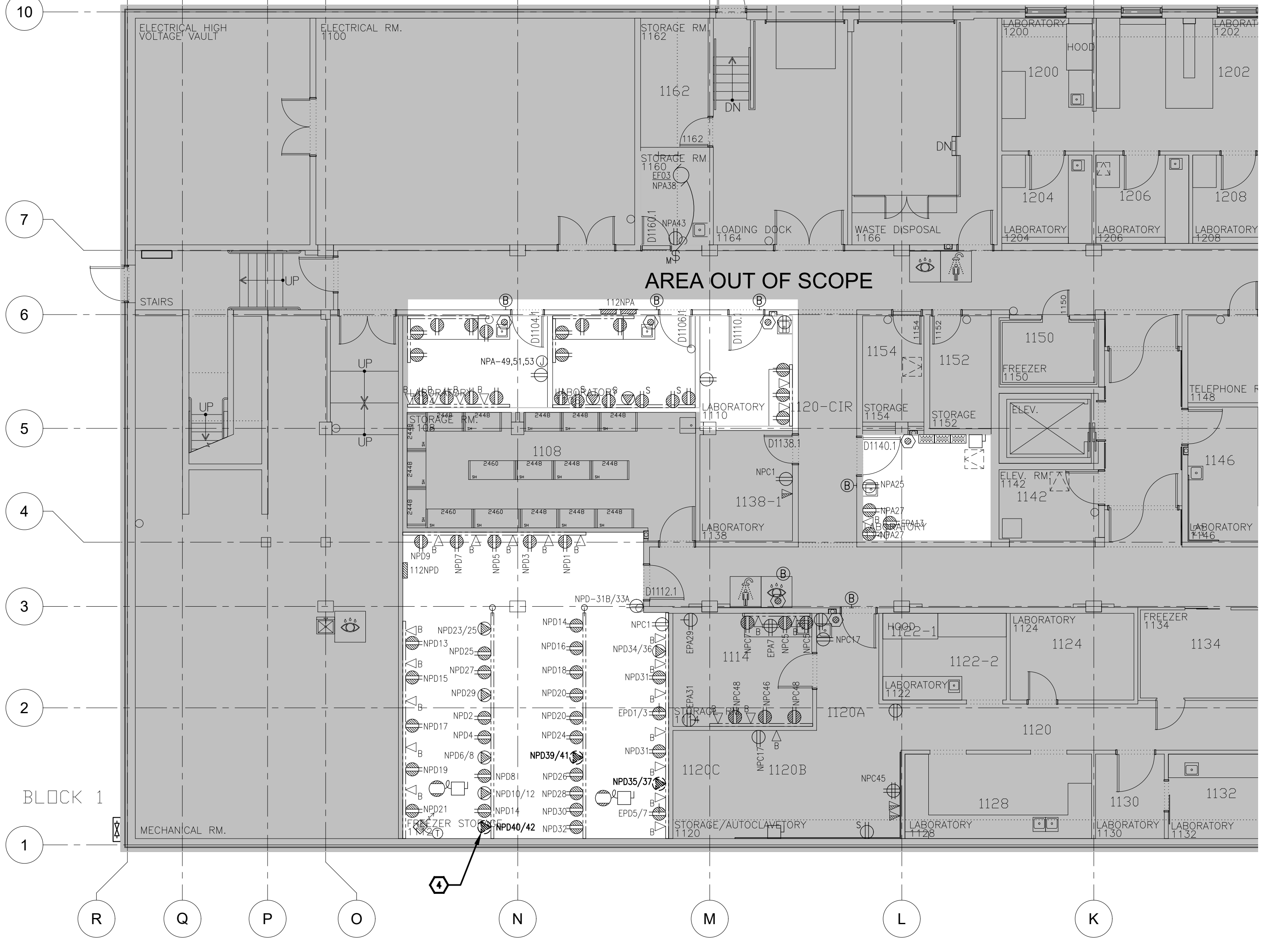
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3RD FLOOR POWER & SYSTEMS - DEMOLITION WORK

1:100



GROUND FLOOR - POWER & SYSTEMS

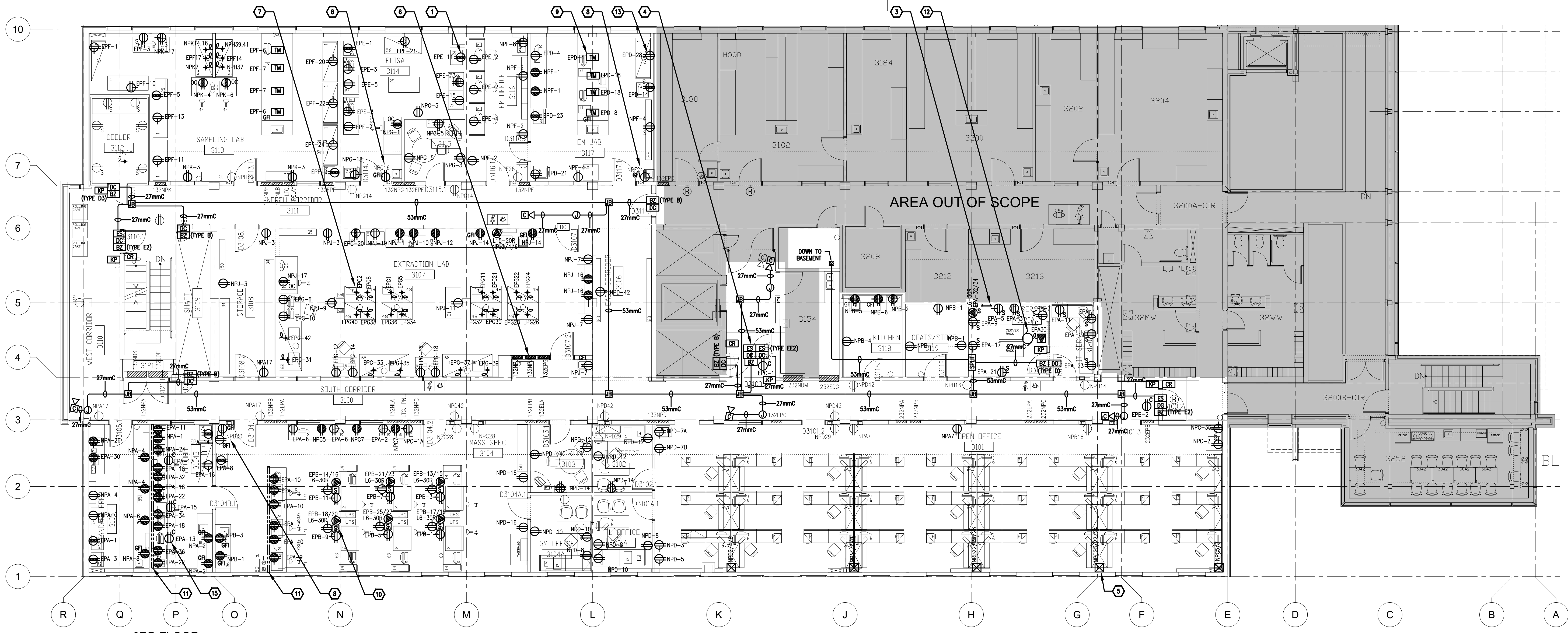
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- DRAWING NOTES**
- 1. TYPICAL: DISCONNECT AND REMOVE ELECTRICAL DEVICE AND/OR RACEWAY AS SHOWN. REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX AND MAKE SAFE. RETAIN CIRCUIT FOR RE-USE IN NEW LAYOUT. MARK UNUSED BREAKERS AS SPARE.
 - 2. TYPICAL: EXISTING BIO-HAZARD ALARM PUSHBUTTON AND SIGNAL LIGHT WITHIN AREA OF WORK TO BE DISCONNECTED AND REMOVED. COORDINATE WITH BUILDING OPERATOR AND DEPARTMENTAL REPRESENTATIVE.
 - 3. TEMPORARILY DISCONNECT AND REMOVE EXISTING ELECTRICAL PANELS '132NPA' & '132 EPG' TO ALLOW FOR ARCHITECTURAL WORK. MAKE SAFE DURING CONSTRUCTION. REFER TO DRAWING ES FOR NEW PANEL LOCATIONS.
 - 4. TYPICAL: DISCONNECT AND REMOVE EXISTING RECEPTACLE C/W ASSOCIATED BREAKER IN PANEL 112NPD TO FREE UP SPACE FOR NEW COMPRESSOR. PROVIDE BLANK COVER PLATE. REFER TO DRAWING ES FOR ADDITIONAL INFORMATION.

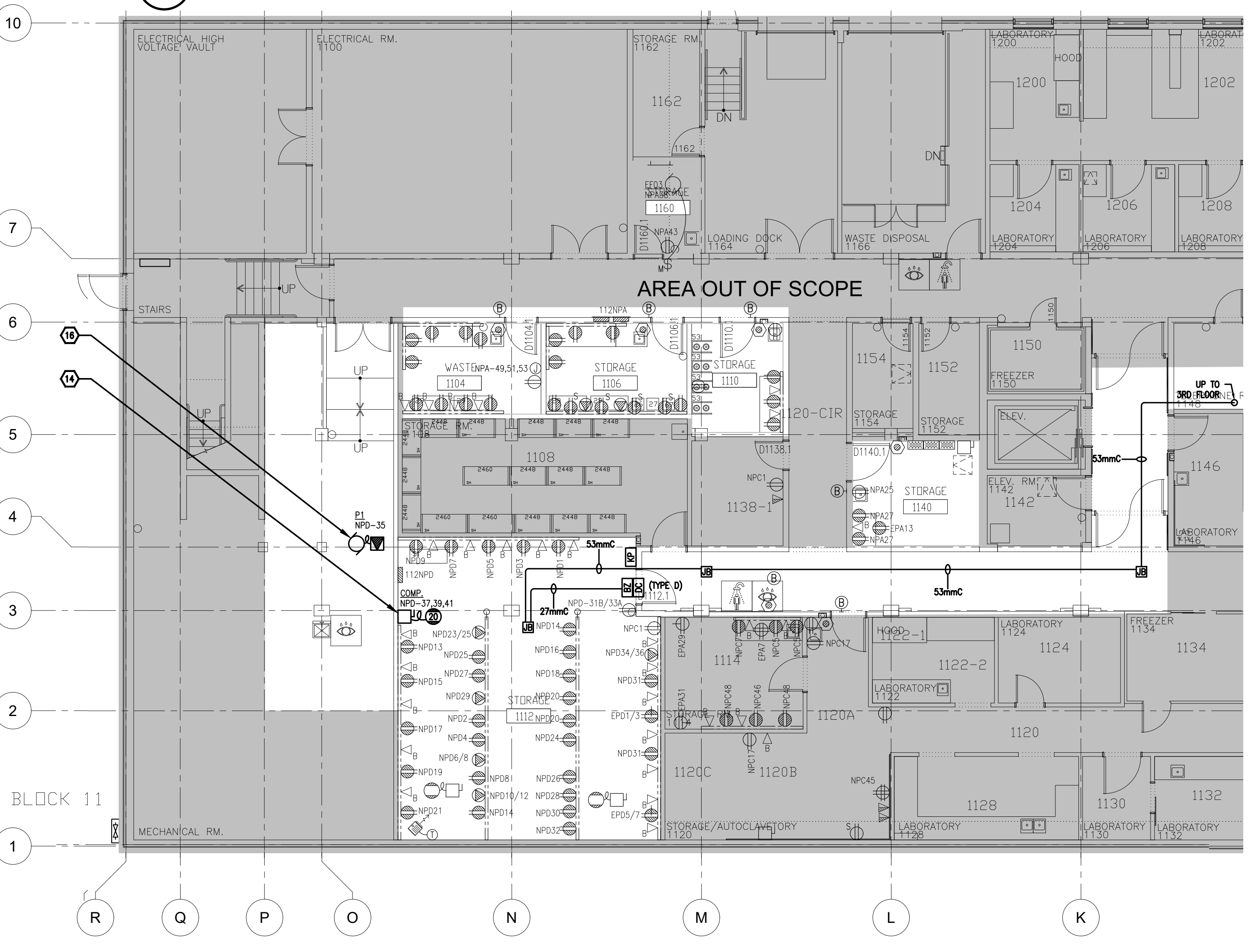
- GENERAL NOTES**
- 1. REMOVE ALL REDUNDANT CONDUIT AND WIRING FROM CEILING SPACE PRIOR TO INSTALLATION OF NEW CEILING TILES.
 - 2. ENSURE ALL EQUIPMENT THAT IS BEING REMOVED AND REINSTATED DUE TO CEILING TILE REPLACEMENT IS FULLY OPERATIONAL AT THE END OF THE PROJECT.



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3RD FLOOR POWER & SECURITY - NEW WORK
1:100

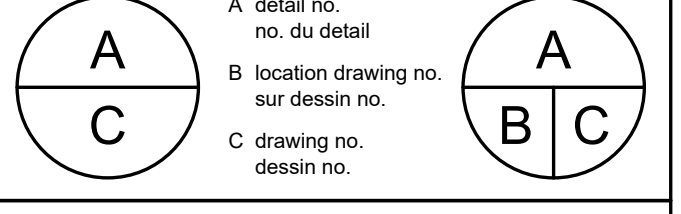


GROUND FLOOR - POWER & SYSTEMS
1:100

- DRAWING NOTES**
- TYPICAL: PROVIDE NEW ELECTRICAL DEVICE AS SHOWN, CONNECT TO INDICATED CIRCUIT. COORDINATE EXACT LOCATIONS ON SITE WITH DEPARTMENTAL REPRESENTATIVE.
 - RESERVED
 - TYPICAL: PROVIDE NEW GROUND BAR. REFER TO DETAIL 1 ON DRAWING E1. PROVIDE #2/0 GROUND CONDUCTOR FROM GROUND BAR BACK TO MAIN BUILDING GROUND. PROVIDE #6 GROUND CONDUCTOR FOR ALL CABLE TRAYS AND RACKS.
 - TYPICAL: PROVIDE NEW CONDUIT INFRASTRUCTURE AND DEVICE BOX ROUGH-INS FOR NEW SECURITY DEVICES AS INDICATED. PROVIDE POLYPROPYLENE PULL CORD IN EACH EMPTY CONDUIT. DOOR SECURITY TYPE AS INDICATE IN PARENTHESES. REFER TO DOOR SECURITY DETAILS ON DRAWING E1 FOR ADDITIONAL INFORMATION. ONLY MAIN PULL/JUNCTION BOXES ARE SHOWN. PROVIDE PULL BOX EVERY 2x90° BEND OR FRACTION OF. OFFSET ADJACENT CONDUITS.
 - TYPICAL: PROVIDE CONNECTION TO SYSTEMS FURNITURE POLE. POLE PROVIDED BY OTHERS. CONNECT TO INDICATED CIRCUIT AND PROVIDE CONDUIT FOR COMMUNICATIONS FROM FURNITURE BACK TO COMMUNICATIONS RACEWAY IN CORRIDOR. COORDINATE EXACT POLE LOCATION ON SITE TO AVOID INTERFERENCE WITH CEILING MOUNTED DEVICES.
 - APPROXIMATE LOCATION OF RELOCATED PANELS '132NPA' & '132EPC'. EXTEND CONDUIT AND WIRING AS REQUIRED.
 - TYPICAL FOR ALL FUME HOODS: PROVIDE CONNECTION TO NEW FUME HOOD SUPPLIED BY OTHERS. PROVIDE TWO(2) DEDICATED 120V, 20A CIRCUITS FOR RECEPTACLE AND LIGHTING FIXTURE SUPPLIED WITH HOOD. CONNECT TO INDICATED CIRCUIT.
 - EXISTING RECEPTABLES LOCATED NEAR SINK TO BE REPLACED WITH NEW GFCI TYPE RECEPTABLES. REUSE EXISTING CIRCUIT.
 - TYPICAL: PROVIDE MILLWORK MOUNTED TABLE MONUMENT AS SHOWN. COORDINATE WORK WITH MILLWORK CONTRACTOR. RUN CONDUIT AND WIRING UNDERNEATH COUNTER. POKE THROUGH COUNTER WHERE DEVICES ARE SHOWN AND PROVIDE SURFACE MOUNTED MONUMENT, NOT FLUSH NOR POPUP. MONUMENT TO HAVE ONE(1) DUPLEX RECEPTACLE AND MINIMUM TWO (2) DATA/COMMS KNOCKOUTS.
 - TYPICAL: PROVIDE NEW DUAL CHANNEL BRUSHED ALUMINUM SERVICE POLE. ONE(1) CHANNEL FOR VOICE/DATA AND ONE(1) FOR POWER. EACH POLE TO HAVE TWO(2) DUPLEX 120V, 20A RECEPTABLES, ONE(1) 208V, 30A L6-30R RECEPTACLE AND TWO(2) VOICE/DATA KNOCKOUTS. CONFIRM EXACT POLE LENGTH ON SITE.
 - PROVIDE NEW DUAL CHANNEL BRUSHED ALUMINUM, FORWARD FACING, ARCHITECTURAL RACEWAY SYSTEM TO SUPPORT RECEPTABLES AND DATA OUTLETS AS INDICATED. FEEDER AND COMMUNICATIONS CABLEING TO BE FED DOWN WALL. COORDINATE MILLWORK OPENINGS WITH MILLWORK CONTRACTOR. PROVIDE END FITTINGS AT EACH END. RECEPTABLE TYPES AS SHOWN ON DRAWINGS. DEVICE OPENINGS TO BE FRONT FACING. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND ACCESSORIES. IN MASS SPEC LAB 3104, RACEWAY TO BE MOUNTED TO BACK OF PENINSULA.
 - TYPICAL: PROVIDE CONNECTION TO NEW 120V, 9.9 FLA, 11.03 MCA 15 MSCP, 2x1/4HP FAN COIL C/W MANUAL MOTOR STARTER. FAN SUPPLIED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR. MOTOR STARTER SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
 - TYPICAL: RECEPTABLES ALONG DIMENSING WALL BETWEEN PROPOSED LAB AND ADJACENT SPACE TO BE SURFACE MOUNTED. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS ALONG DIMENSING WALL.
 - PROVIDE 100AF NON-FUSED DISCONNECT AND CONNECTION TO NEW 20HP COMPRESSOR SYSTEM. SYSTEM DETAILS: 4x2HP, 208V, 3ø, 14.2FLA (60FLA TOTAL), PROVIDE 80A, 3-POLE BREAKER IN PANEL 112NPD. REFER TO MANUFACTURER'S INSTALLATION MANUAL FOR WIRING DIAGRAM AND ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION ON SITE.
 - TYPICAL: PROVIDE 3x 120V, 15A RECEPTACLE AT CEILING HEIGHT IN ALCOHOL LAB. COORDINATE EXACT LOCATION WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.
 - PROVIDE CONNECTION TO NEW 120V, FRACTIONAL HORSEPOWER PUMP FOR R.O. SYSTEM C/W MANUAL MOTOR STARTER. PUMP PROVIDED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR. MOTOR STARTER SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.

- GENERAL NOTES**
- REMOVE ALL REDUNDANT CONDUIT AND WIRING FROM CEILING SPACE PRIOR TO INSTALLATION OF NEW CEILING TILES.
 - ENSURE ALL EQUIPMENT THAT IS BEING REMOVED AND REINSTATED DUE TO CEILING TILE REPLACEMENT IS FULLY OPERATIONAL AT THE END OF THE PROJECT.

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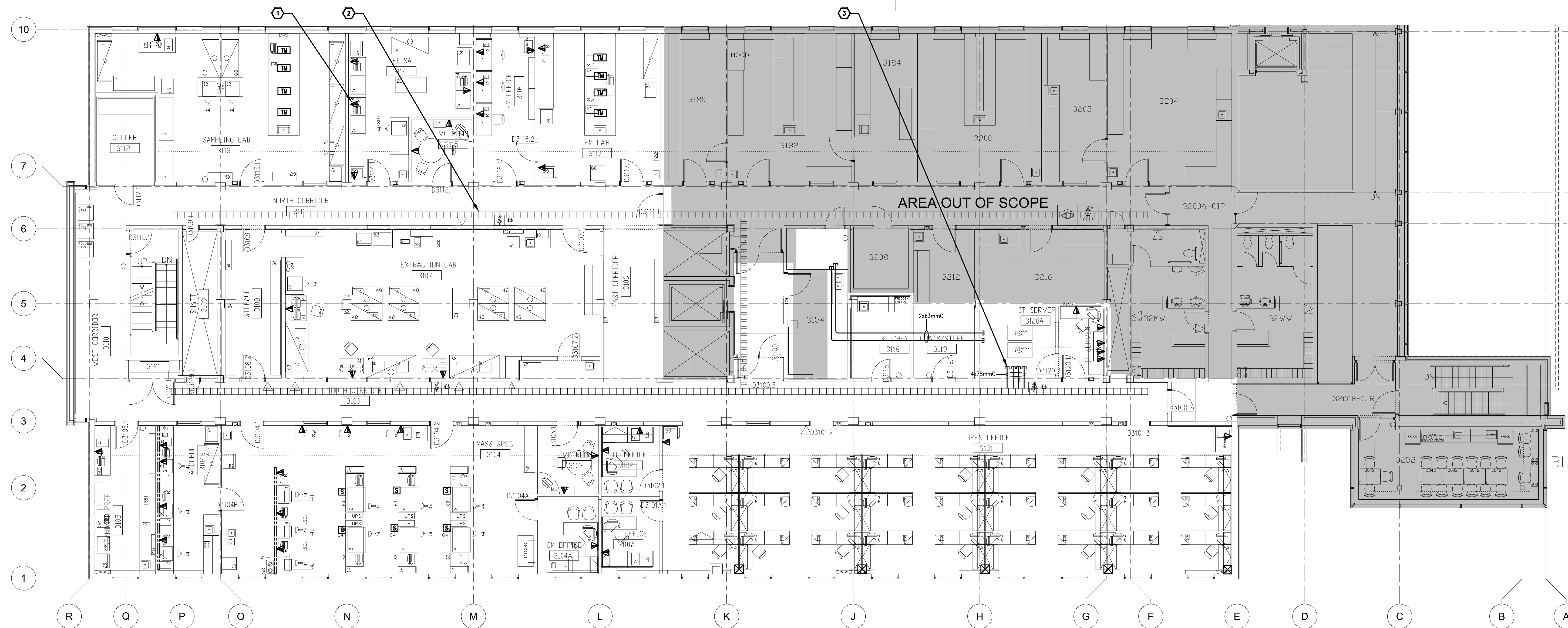


DID LAB RENOVATIONS

OTTAWA, ONTARIO

POWER & SECURITY NEW WORK

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Drawn By	ED	Dessiné par	Dessiné par
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Tender	ANNE RICHARDS	Submission	Submission
Project Manager	Administrateur de projets	Administrateur de projets	Administrateur de projets
Project no.	No. du projet	No. du projet	No. du projet
	PTS 4845		
Drawing no.	No. du dessin	No. du dessin	No. du dessin
	E5		



3RD FLOOR COMMUNICATIONS - NEW WORK
 1:100
 E6

- DRAWING NOTES**
- 1 TYPICAL: PROVIDE BACK BOX AND 27mmC CONDUIT C/W PULL STRING FOR NEW DATA OUTLETS SUPPLIED AND INSTALLED BY COMMUNICATIONS CONTRACTOR. EXTEND CONDUIT FROM BACK BOX TO EXISTING 300mm X 150mm COMMS RACEWAY IN CORRIDOR. PROVIDE 27mmC C/W PULL STRING FROM EACH TABLE MONUMENT. SERVICE POLE AND FURNITURE POLE TO RACEWAY IN CORRIDOR. COORDINATE EXACT LOCATION ON SITE.
 - 2 TYPICAL: APPROXIMATE LOCATION OF EXISTING 300mm X 150mm CABLE RACEWAY IN CEILING SPACE.
 - 3 PROVIDE 4 X 78mm CONDUITS FROM SERVER ROOM OUT TO EXISTING RACEWAY IN CORRIDOR.



PETER J. KINDREE ARCHITECT

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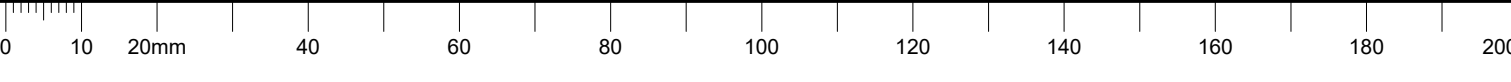
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A C	A detail no. no. du détail B location drawing no. sur dessin no. C drawing no. dessin no.	A B C
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DID LAB RENOVATIONS

OTTAWA, ONTARIO
COMMUNICATIONS NEW WORK

Designed By ED NOV 2018	Conçu par (yyyy/mm/dd)
Drawn By ED NOV 2018	Dessiné par (yyyy/mm/dd)
Reviewed By AM NOV 2018	Examiné par (yyyy/mm/dd)
Approved By AM NOV 2018	Approuvé par (yyyy/mm/dd)
Tender ANNE RICHARDS	Soumission
Project Manager No. du projet	Administrateur de projets
PTS 4845	
Drawing no. E6	No. du dessin





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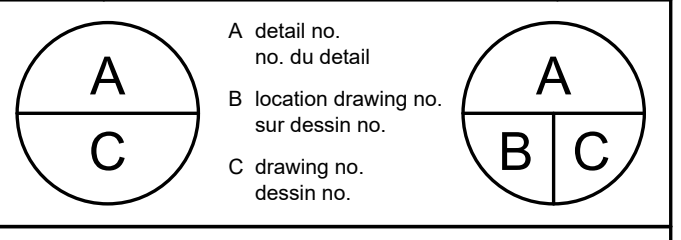


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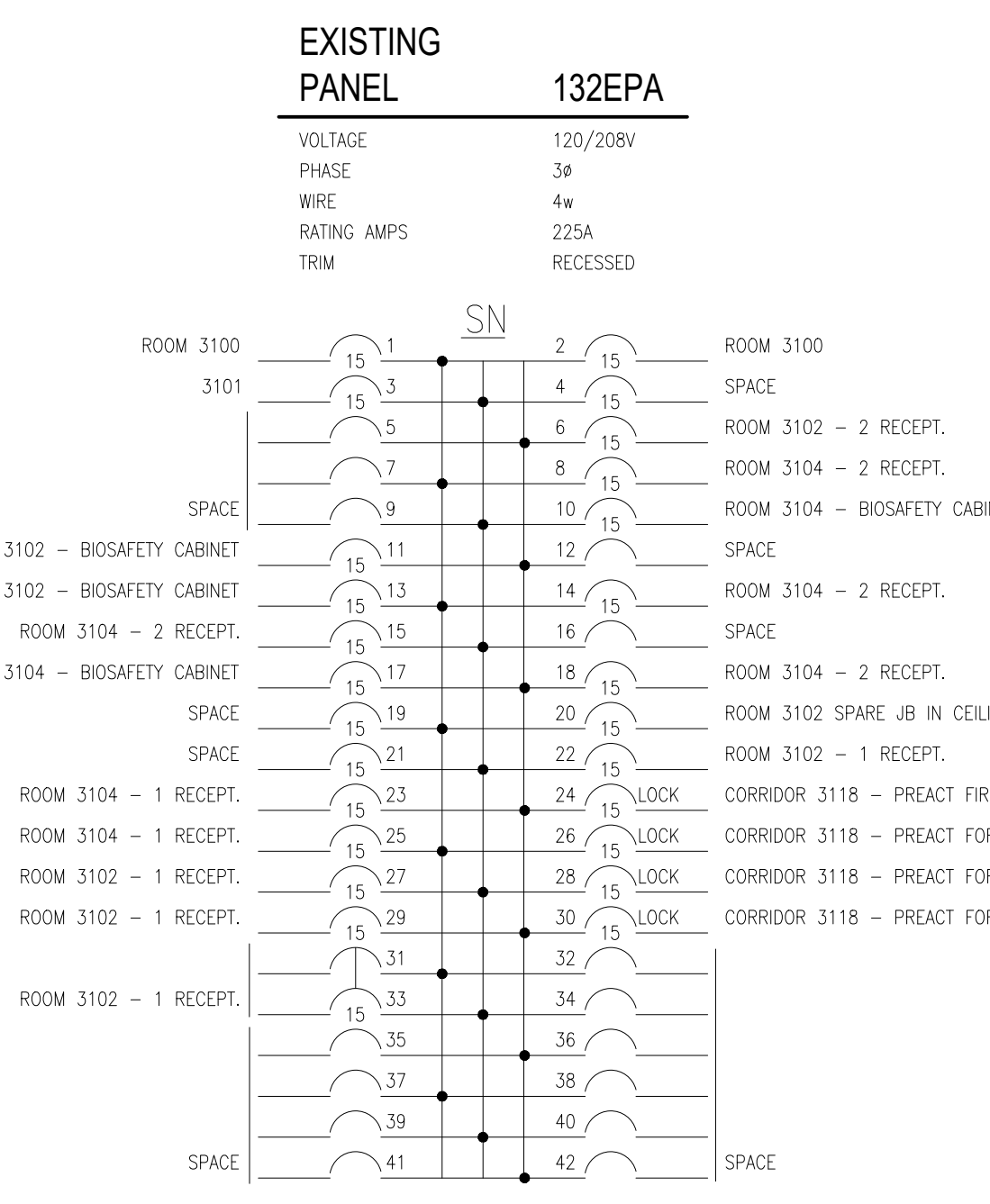
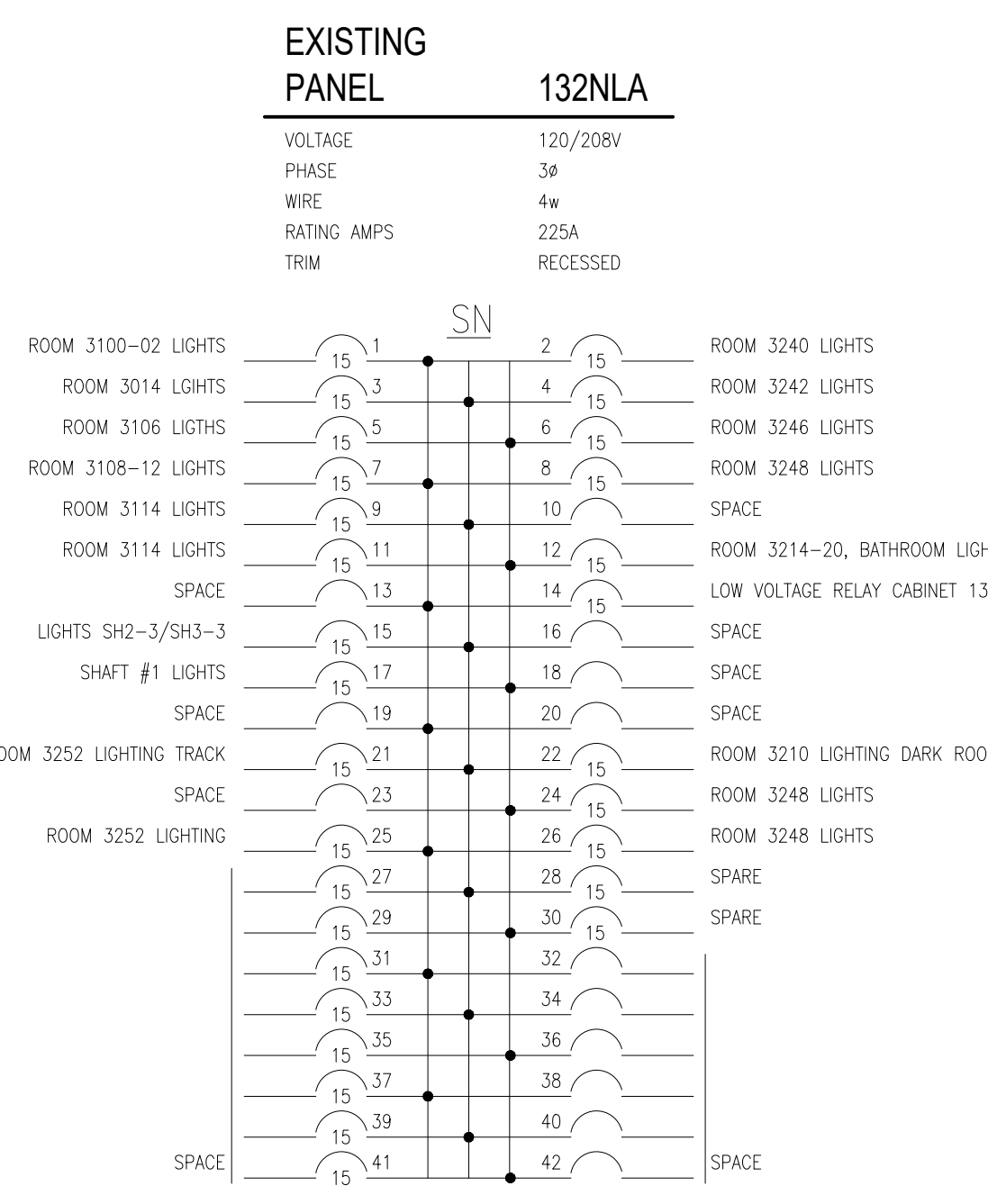
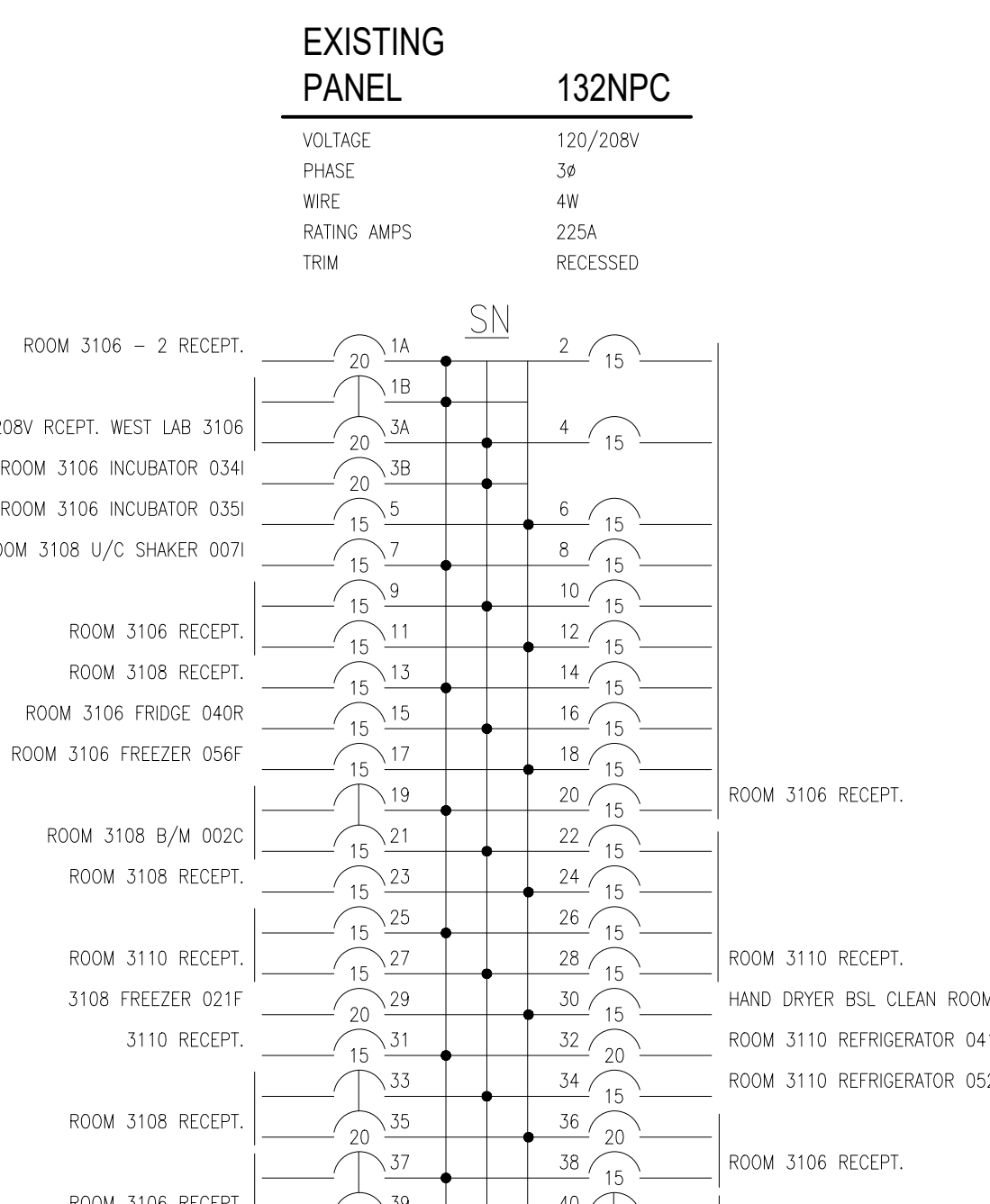
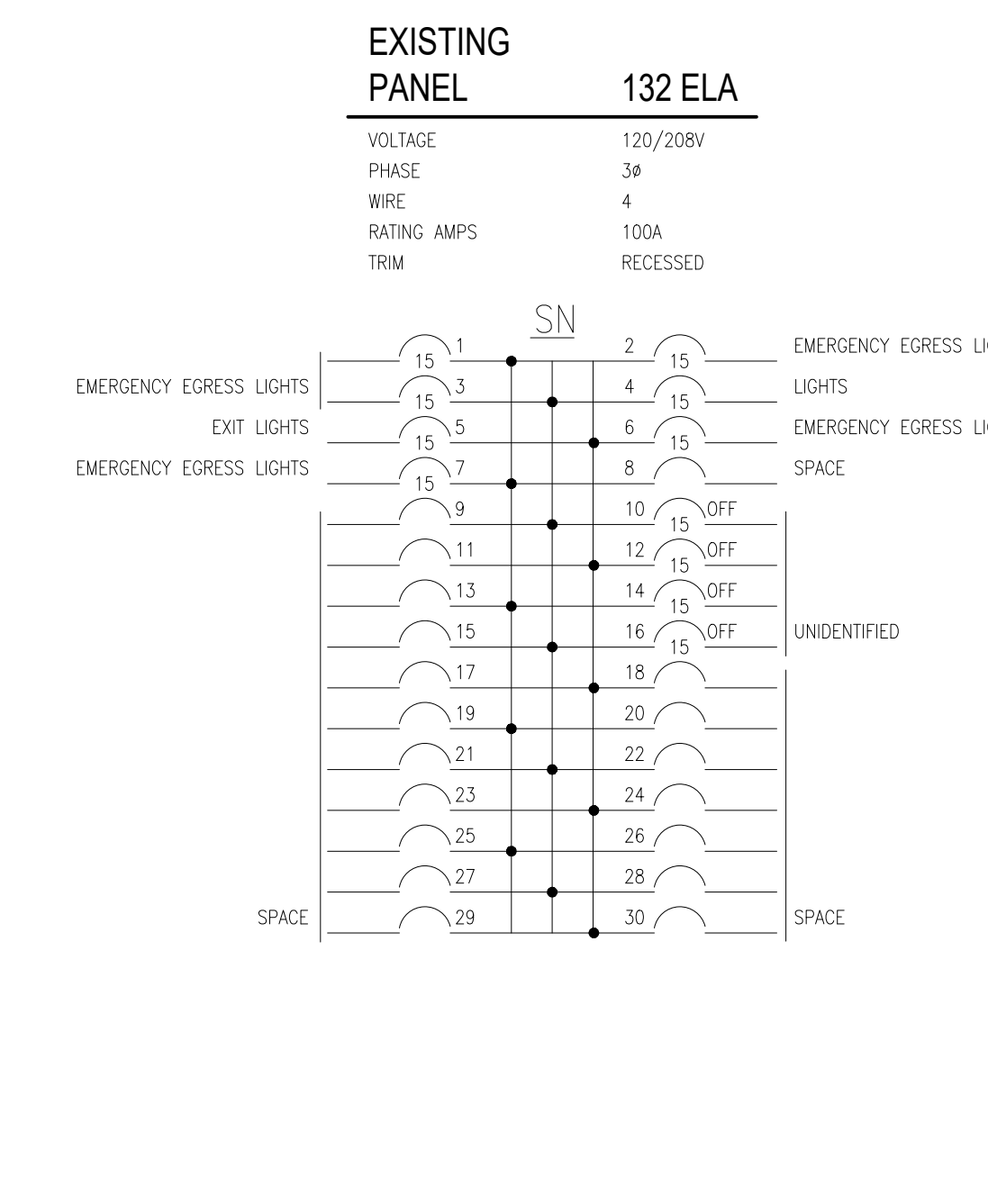
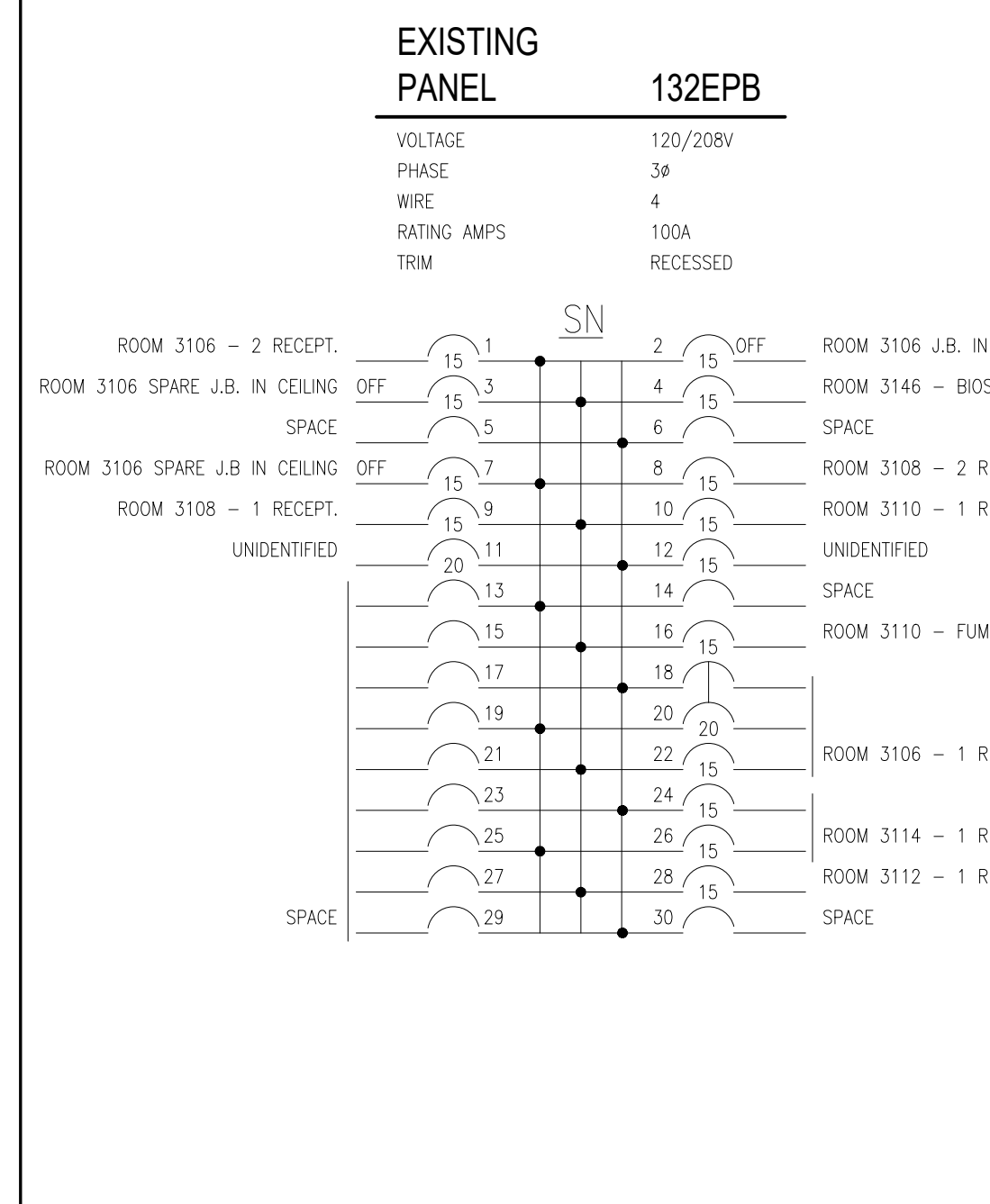
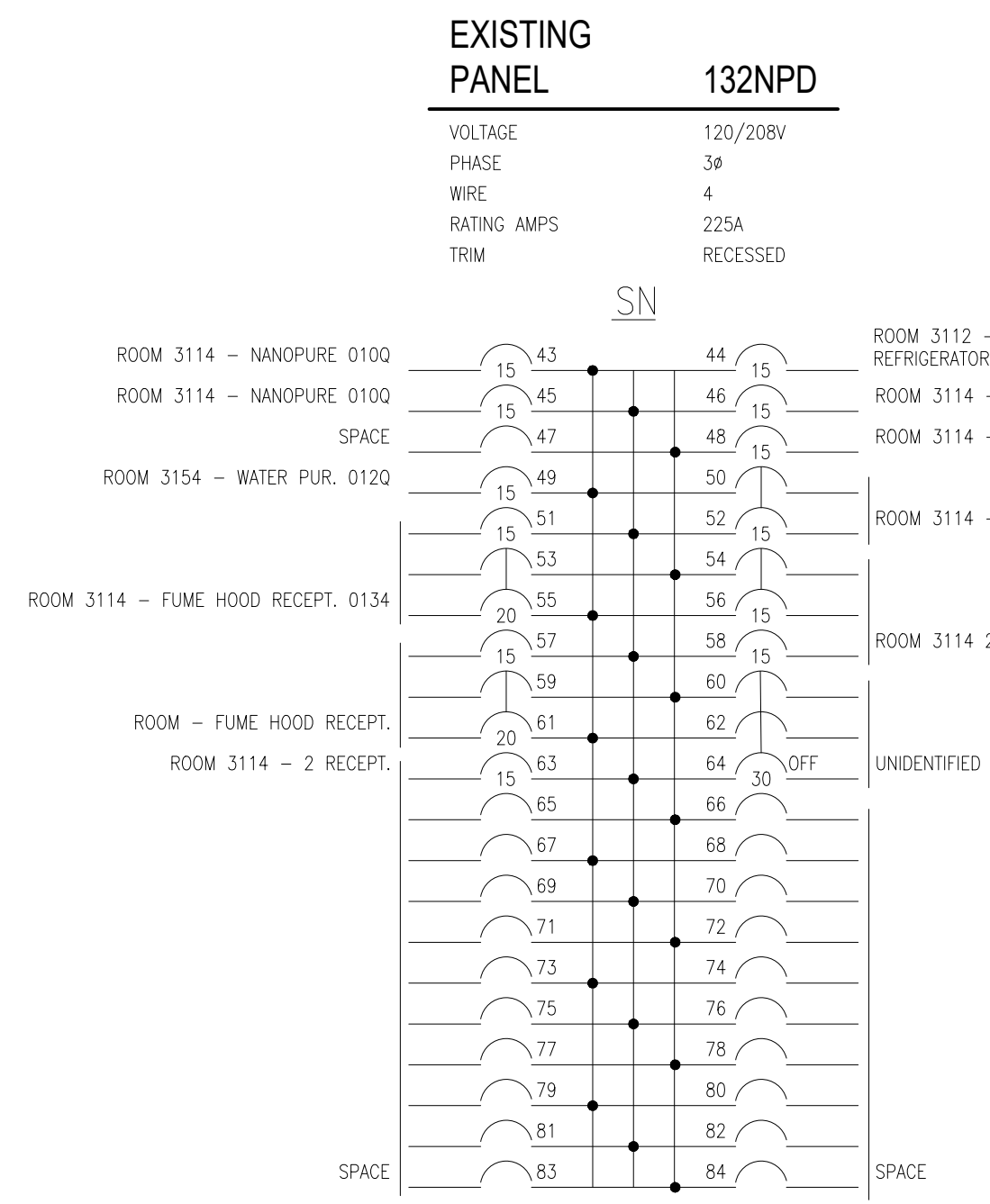
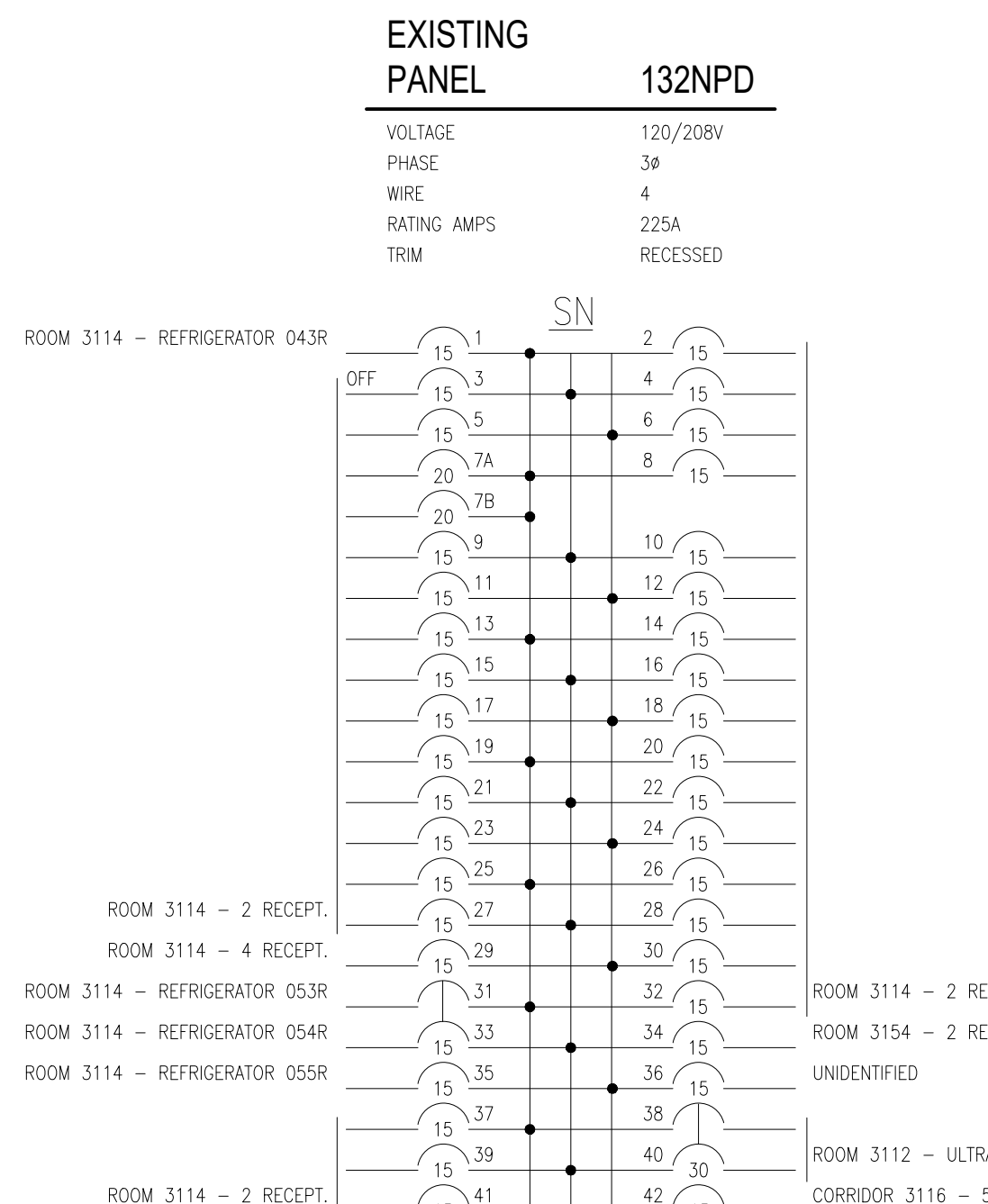
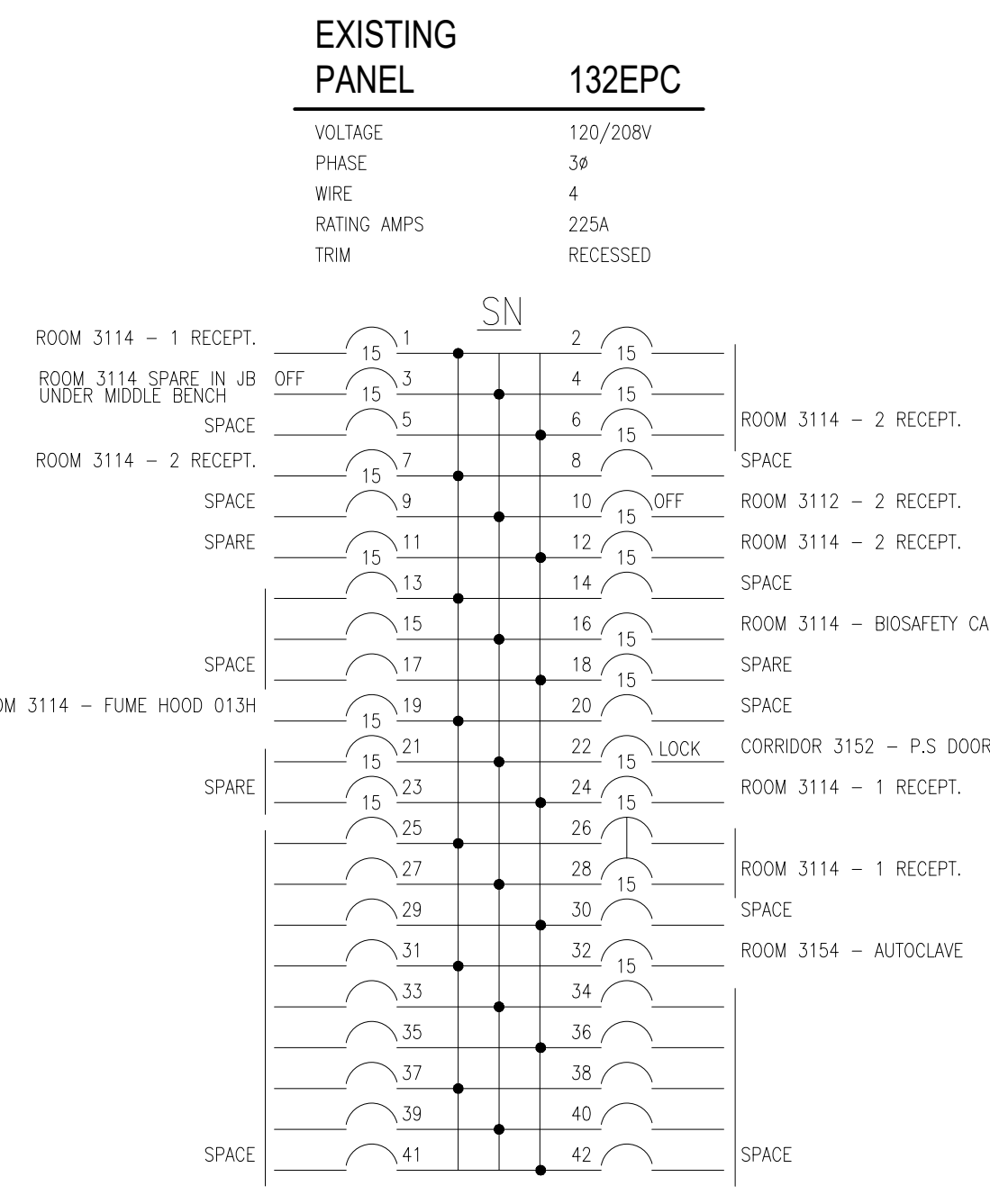
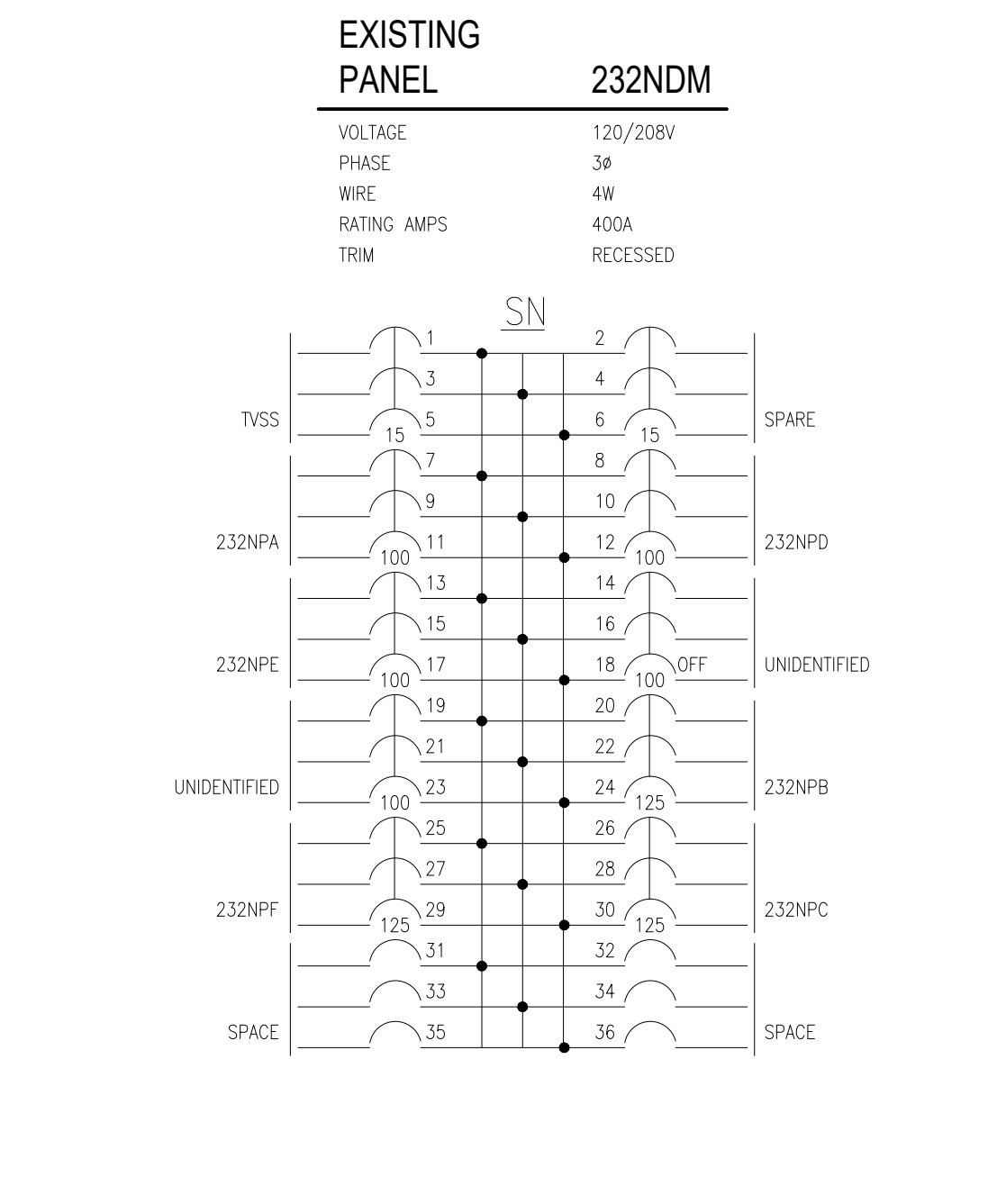
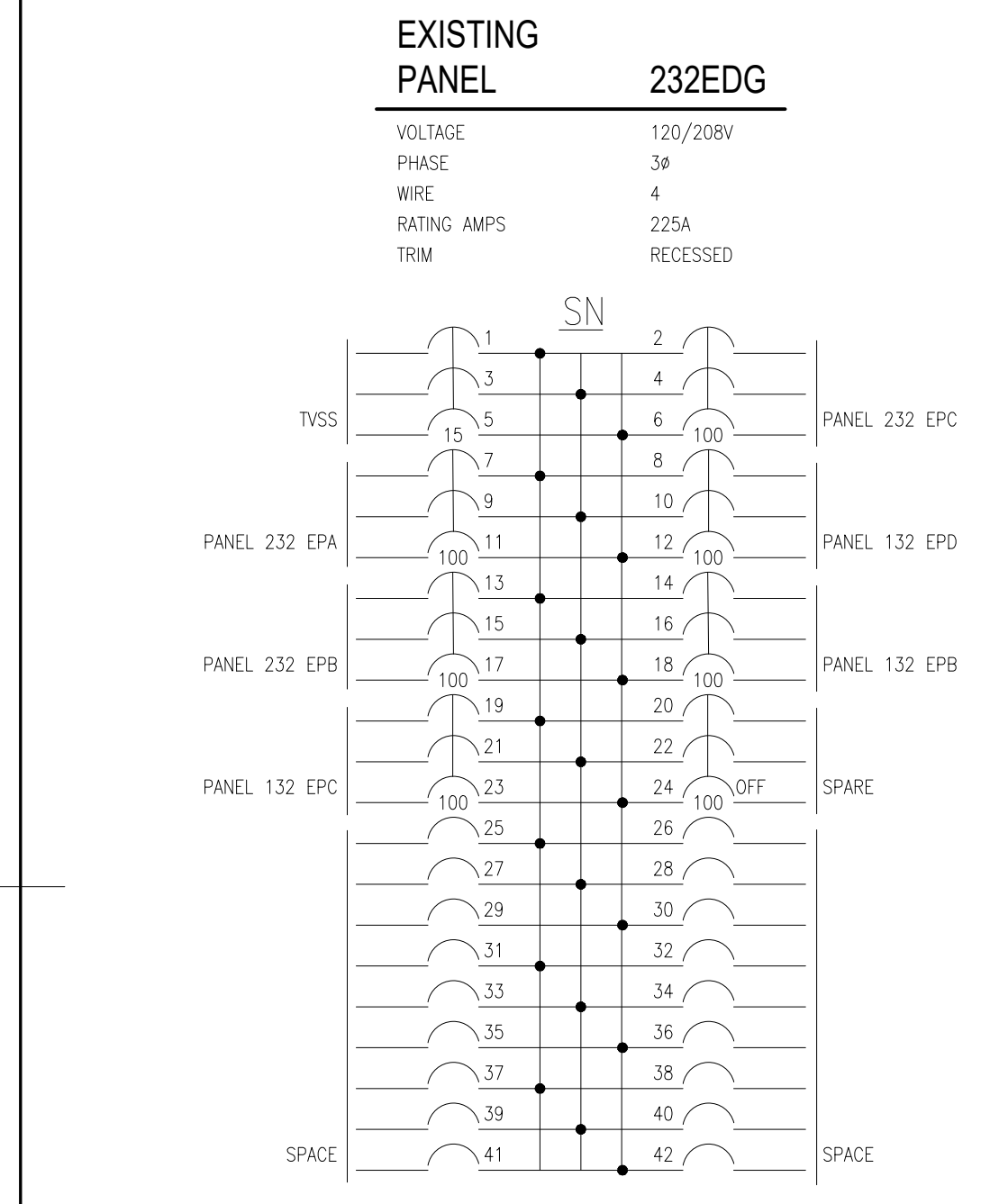
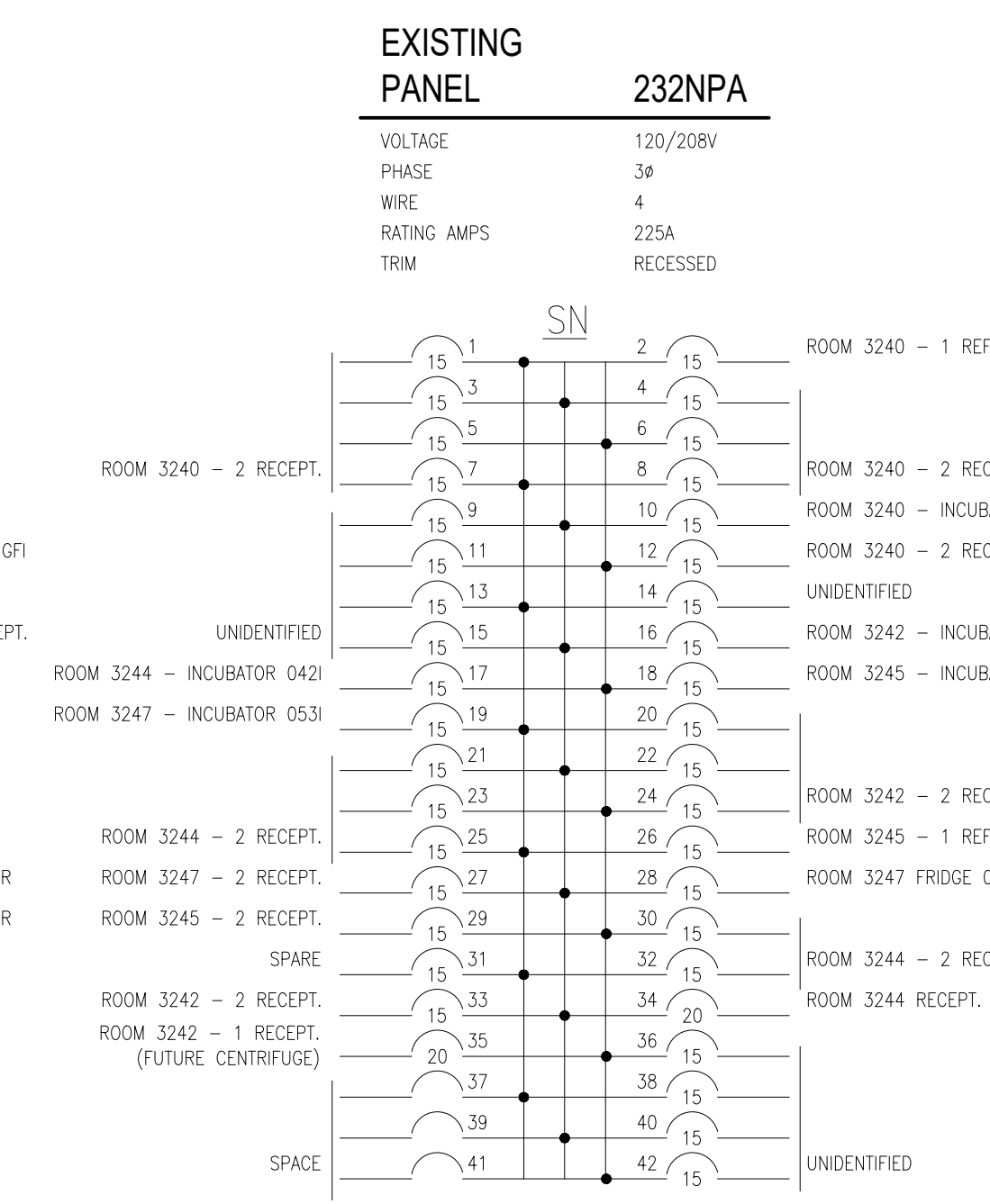
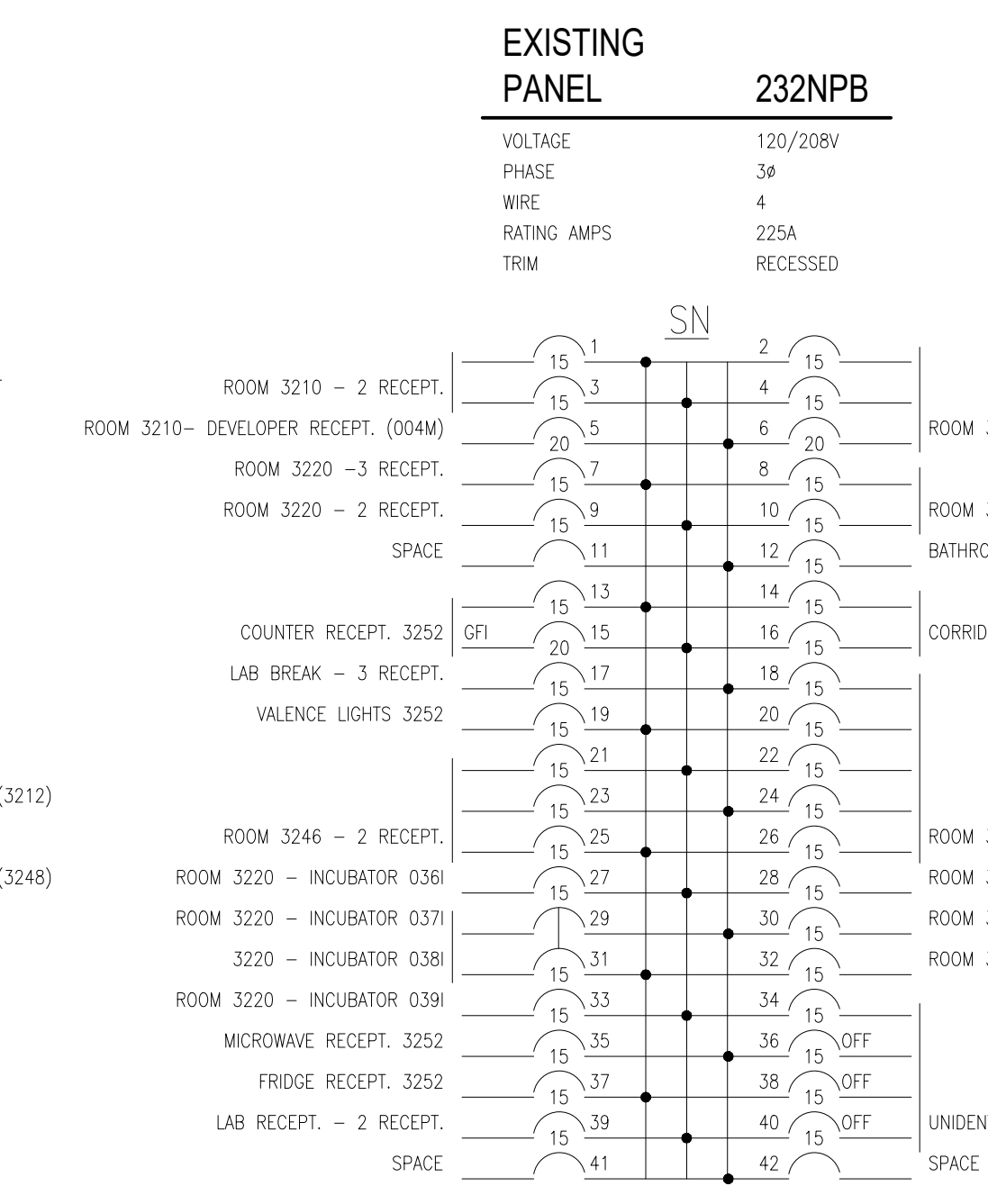
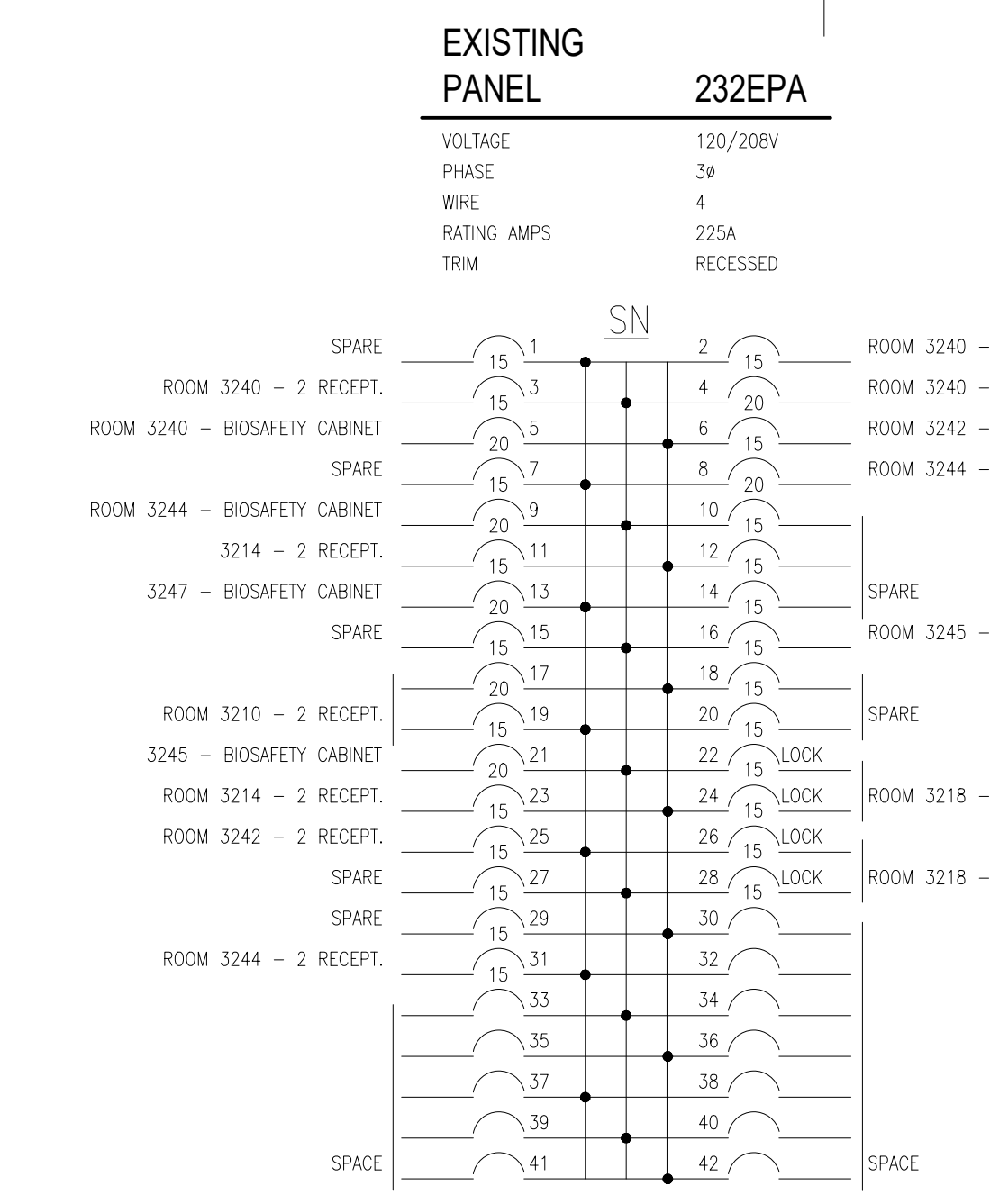
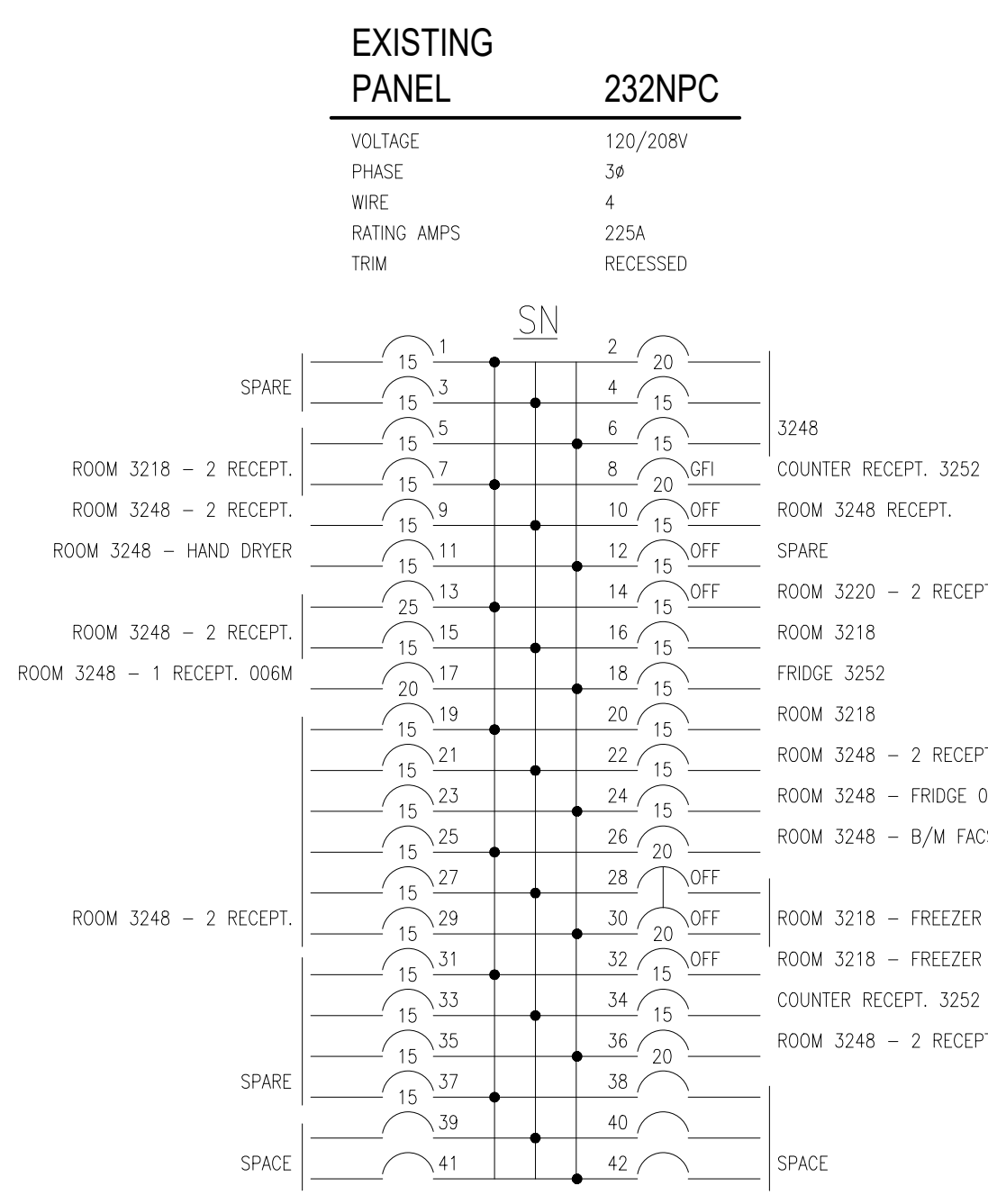
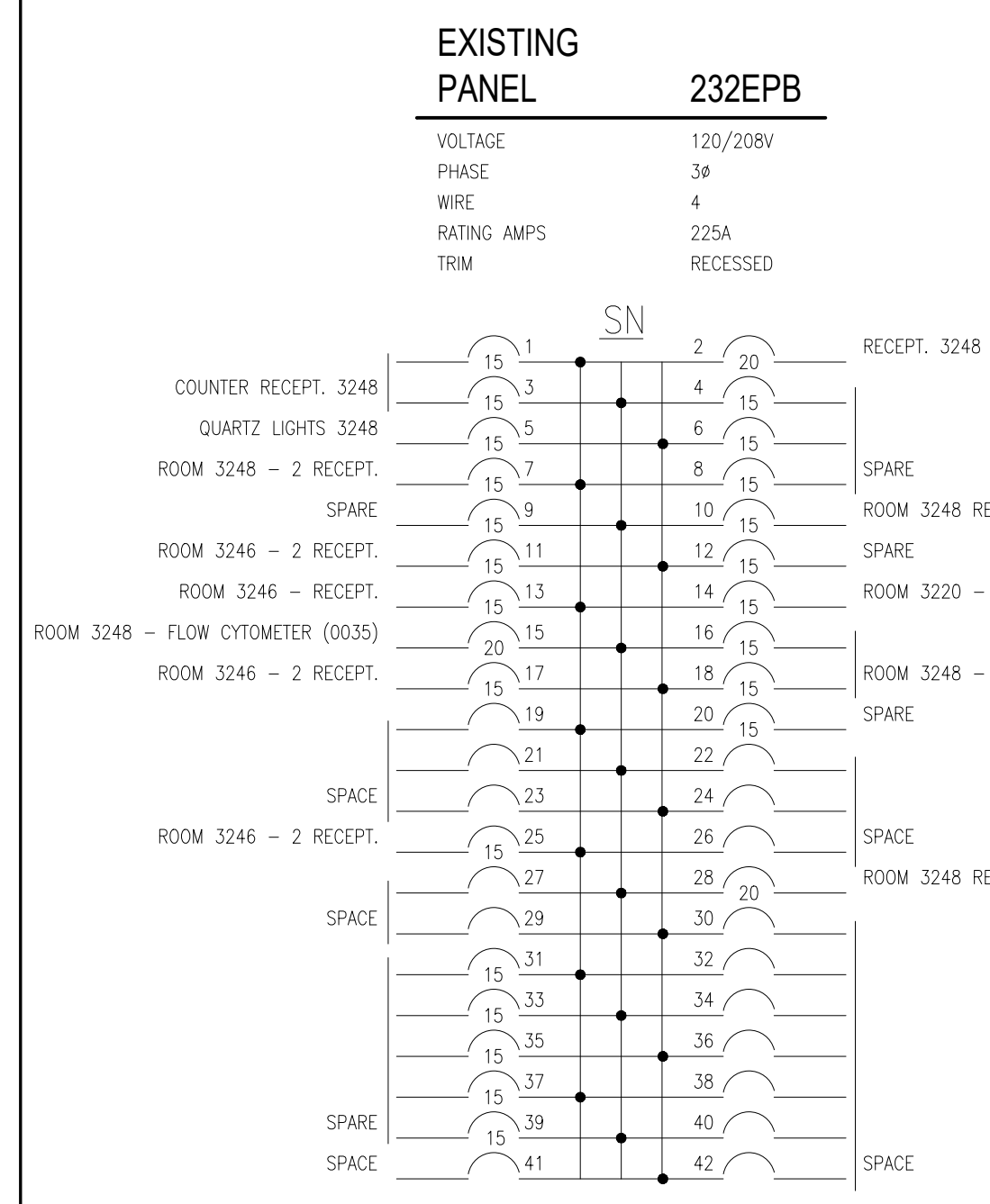
revisions	description	date
4	ISSUED FOR TENDER	2019-01-07
3	ISSUED FOR TENDER REVIEW	2018-11-27
2	ISSUED FOR 99% REVIEW	2018-11-02
1	ISSUED FOR 66% REVIEW	2018-10-12



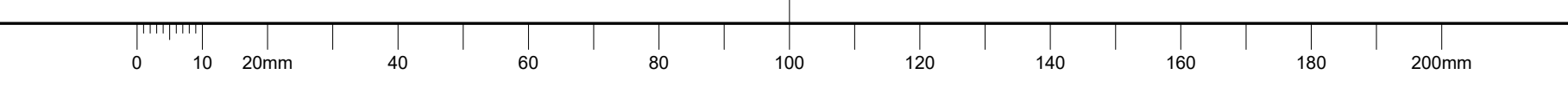
DID LAB RENOVATIONS
 OTTAWA, ONTARIO

EXISTING ELECTRICAL PANEL SCHEDULES

Designed By	ED	Conçu par	NOV 2018
Date	NOV 2018	(yyyy/mm/dd)	
Drawn By	ED	Dessiné par	NOV 2018
Date	NOV 2018	(yyyy/mm/dd)	
Reviewed By	AM	Examiné par	NOV 2018
Date	NOV 2018	(yyyy/mm/dd)	
Approved By	AM	Approuvé par	NOV 2018
Date	NOV 2018	(yyyy/mm/dd)	
Tender	ANNE RICHARDS	Soumission	
Project Manager	Administrateur de projets		
Project no.	No. du projet		
	PTS 4845		
Drawing no.	No. du dessin		
	E7		



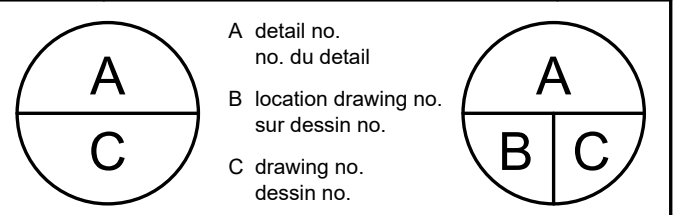
GENERAL NOTES
 1. ELECTRICAL PANEL SCHEDULES ON THIS PAGE ARE FOR REFERENCE ONLY AND REPRESENT EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. REFER TO DRAWINGS E9 & E10 FOR NEW REVISED PANEL SCHEDULES.





L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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revisions	description	date
4	ISSUED FOR TENDER	2019-01-07
3	ISSUED FOR TENDER REVIEW	2018-11-27
2	ISSUED FOR 99% REVIEW	2018-11-02
1	ISSUED FOR 66% REVIEW	2018-10-12



project _____ project _____

DID LAB RENOVATIONS

OTTAWA, ONTARIO

drawing _____ dessin _____

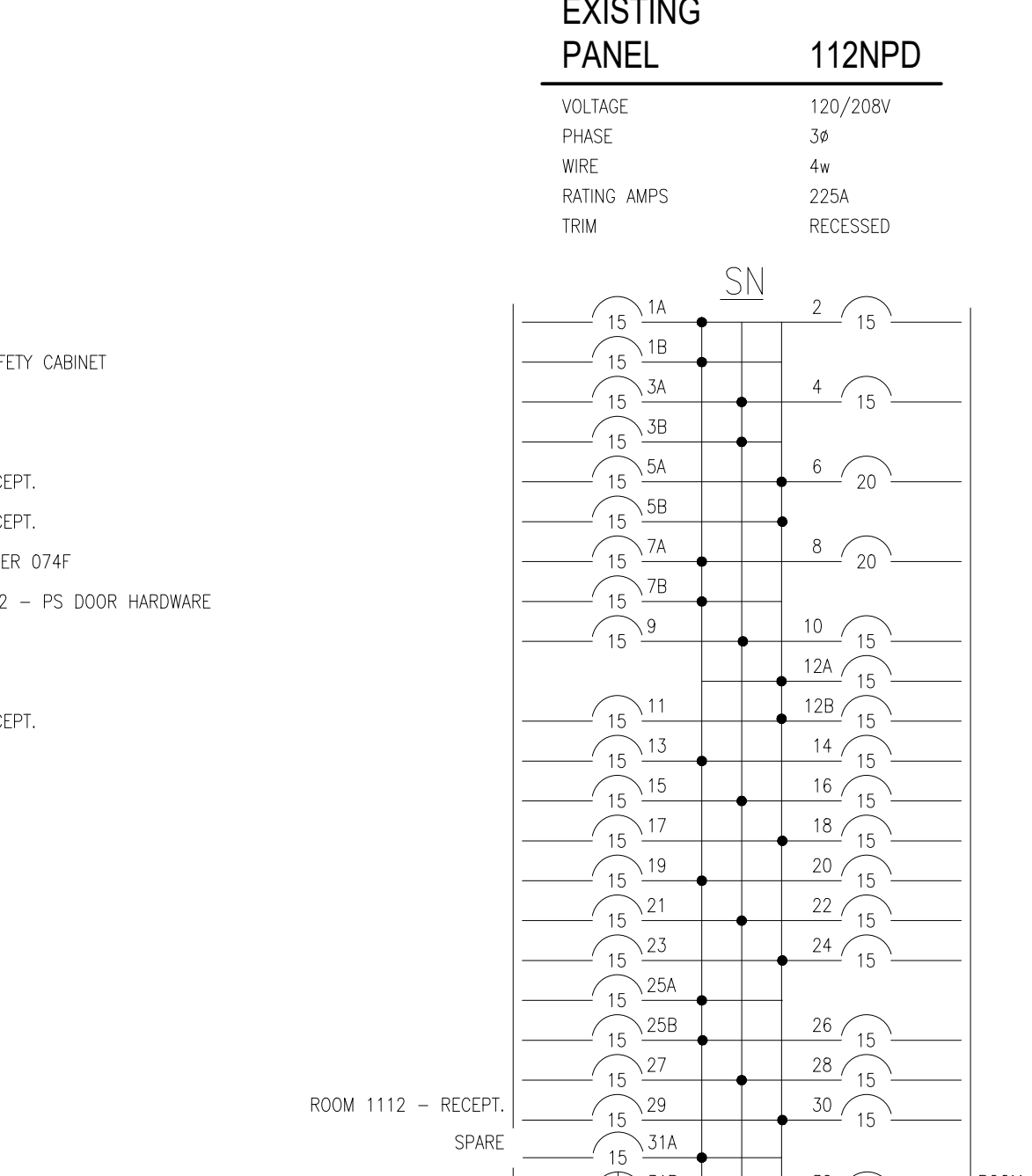
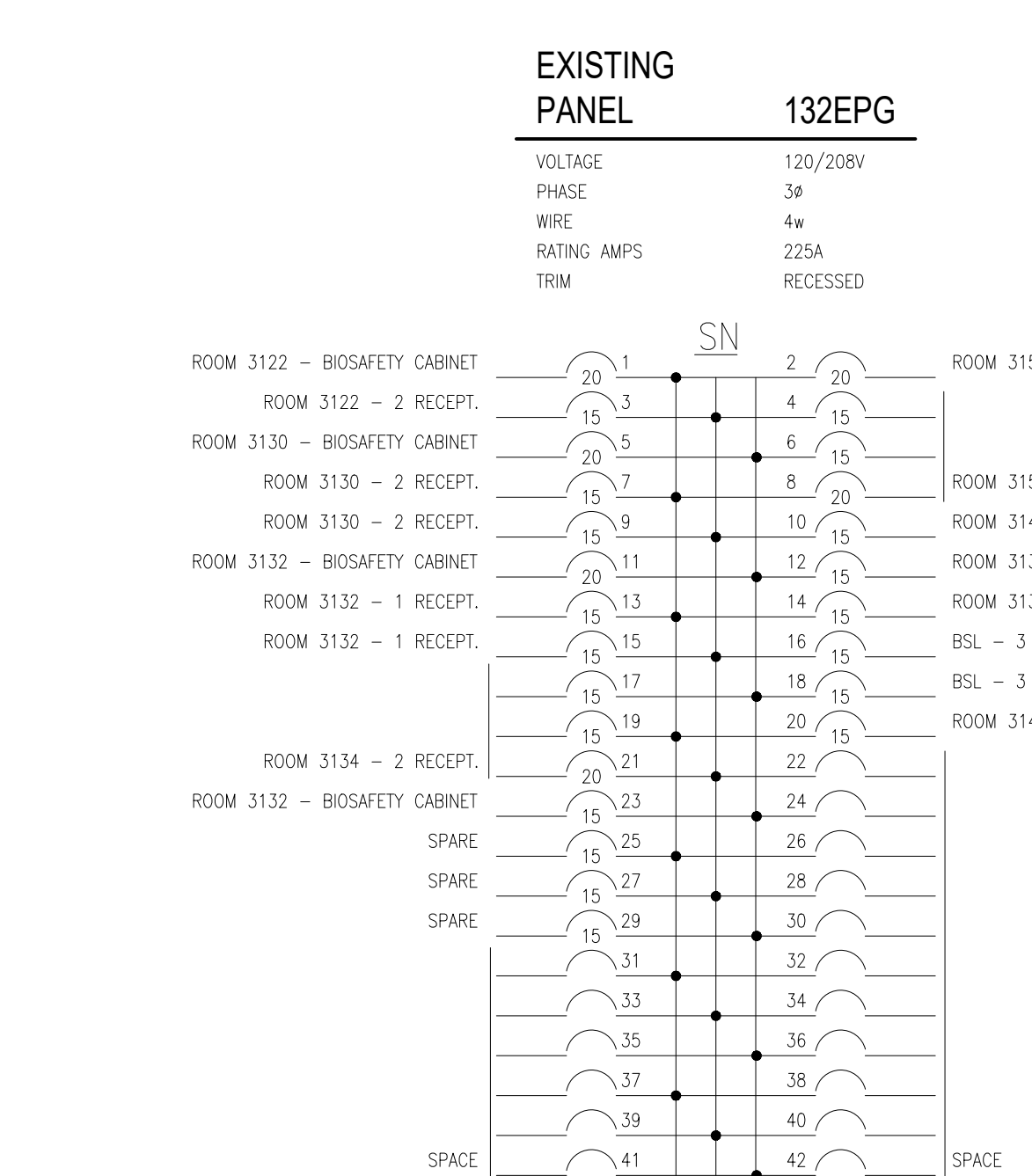
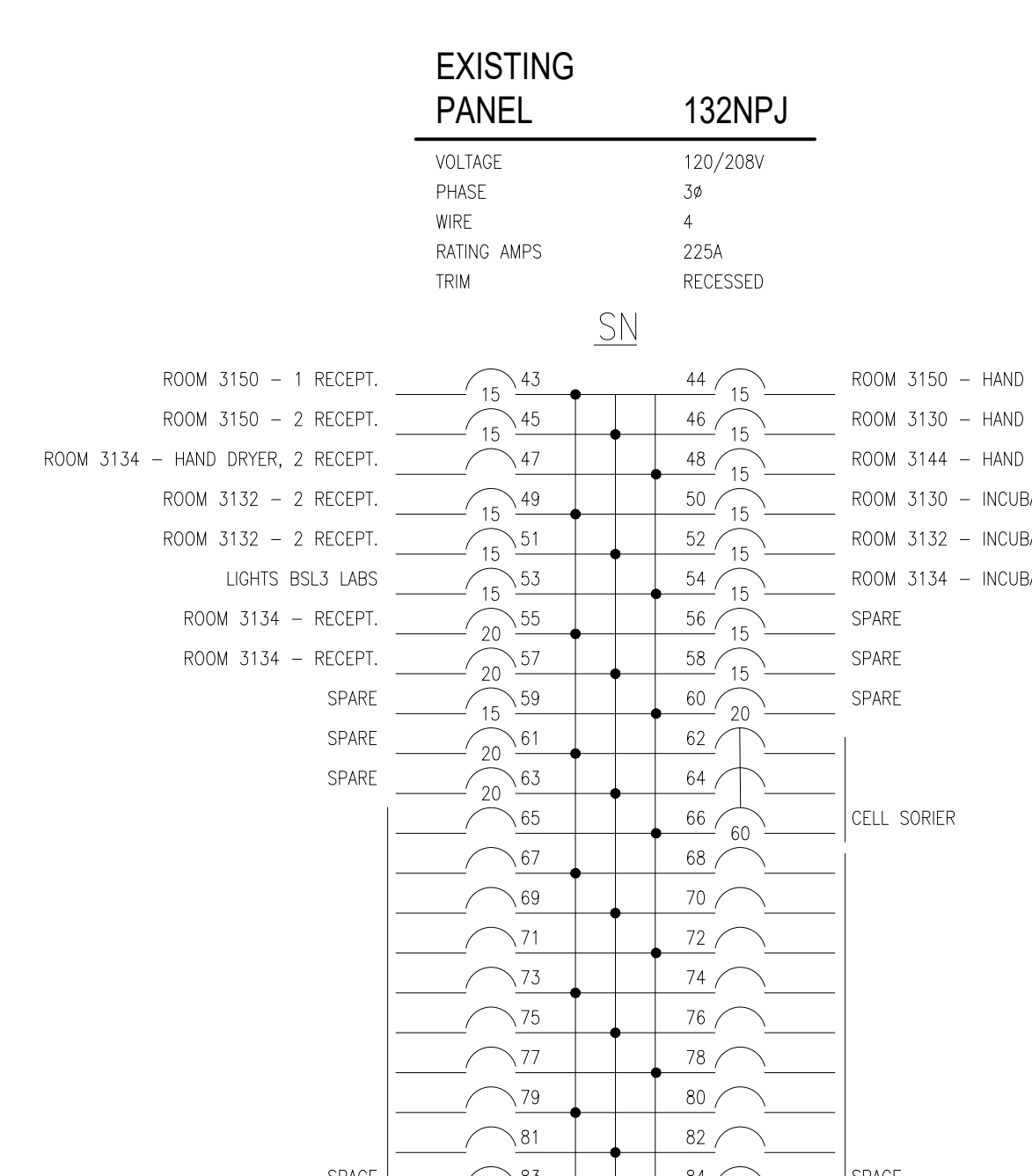
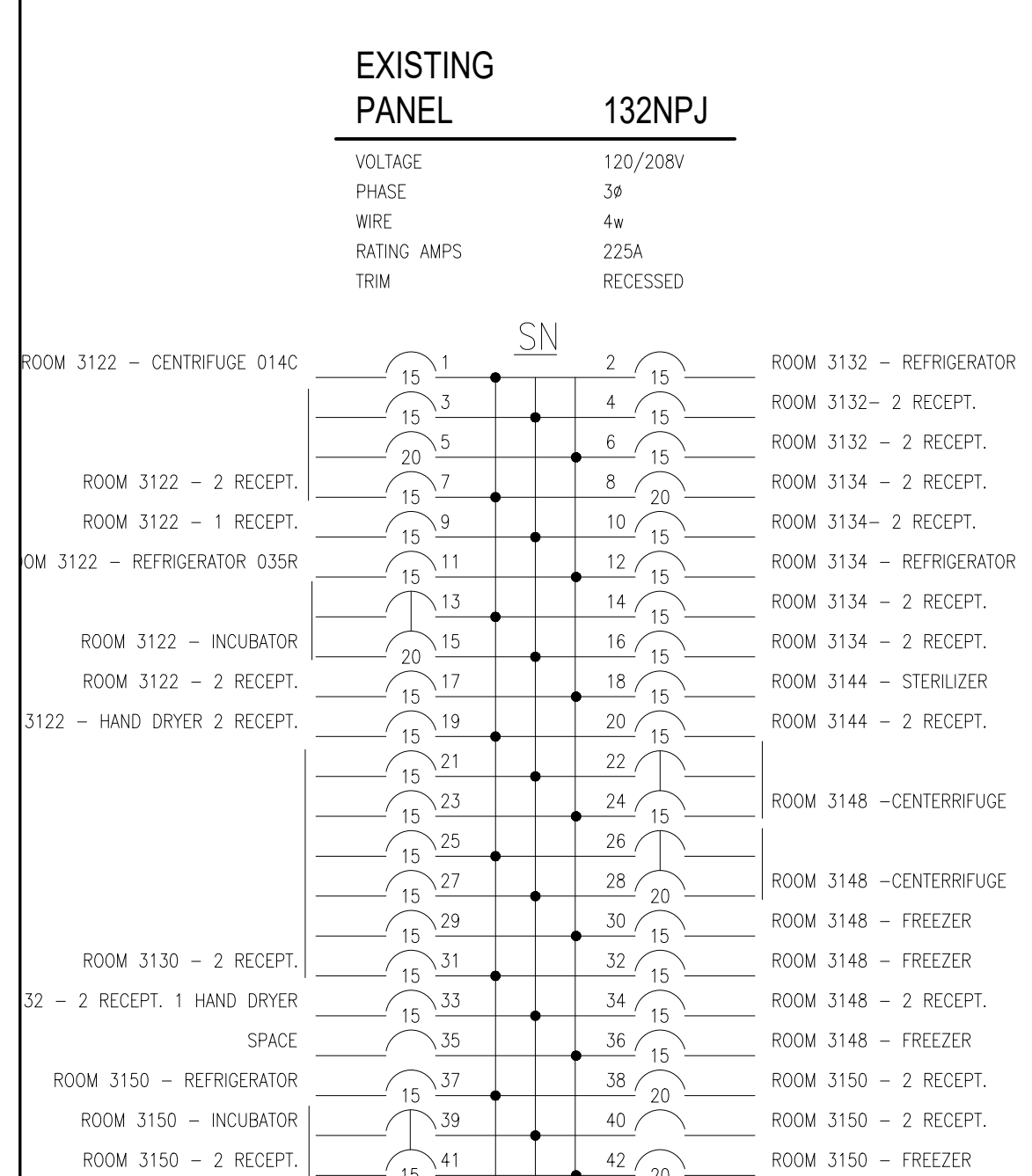
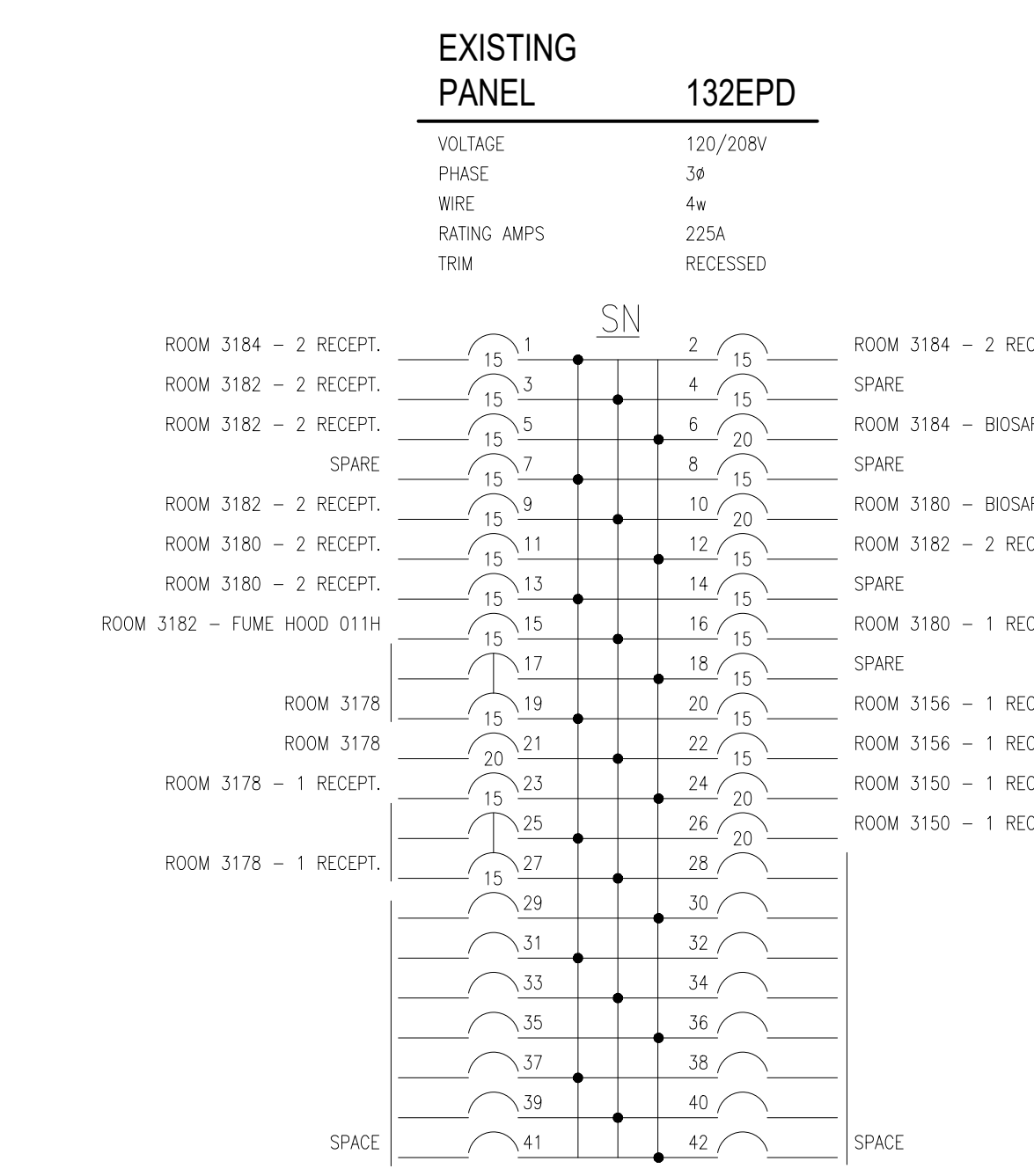
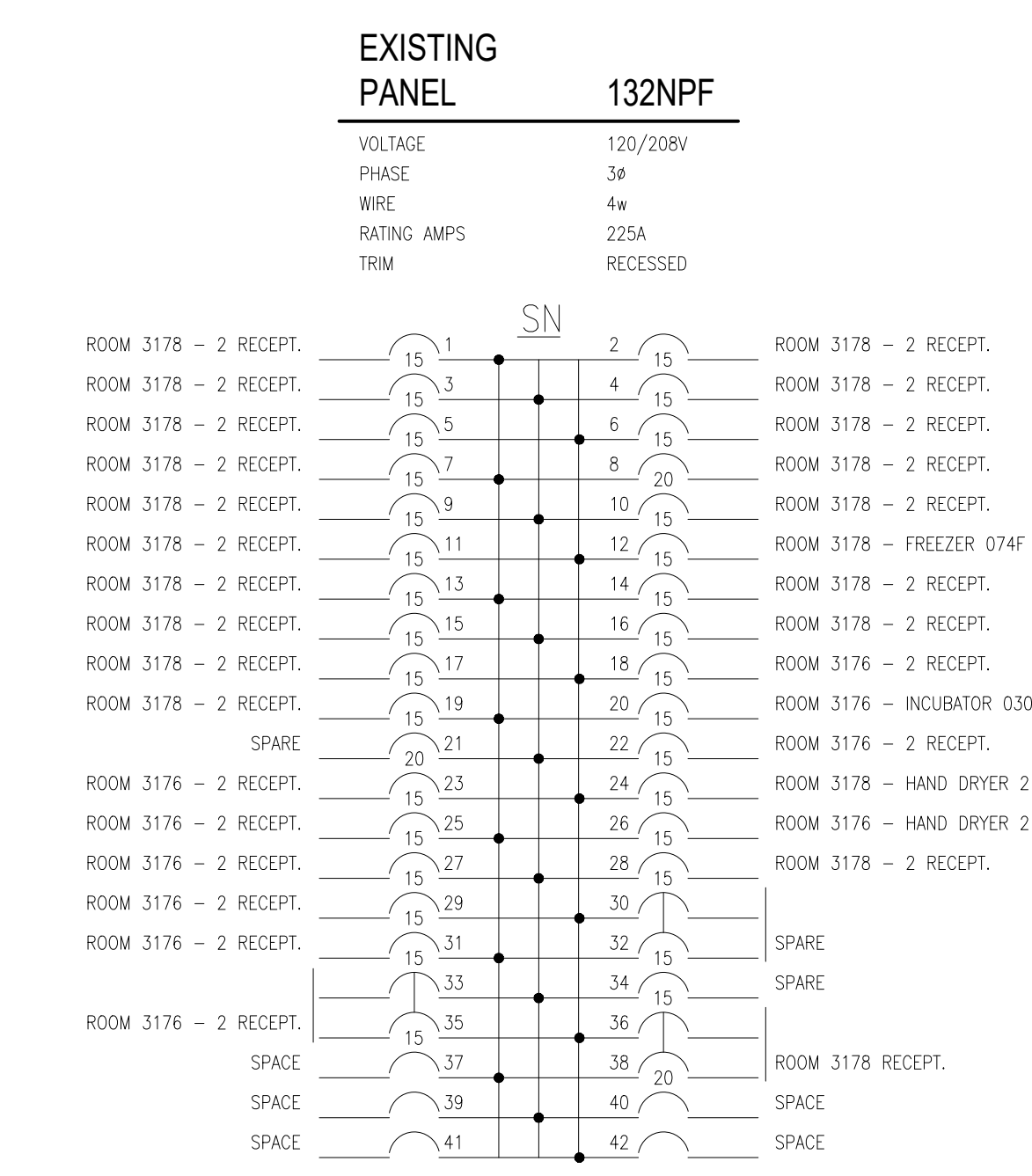
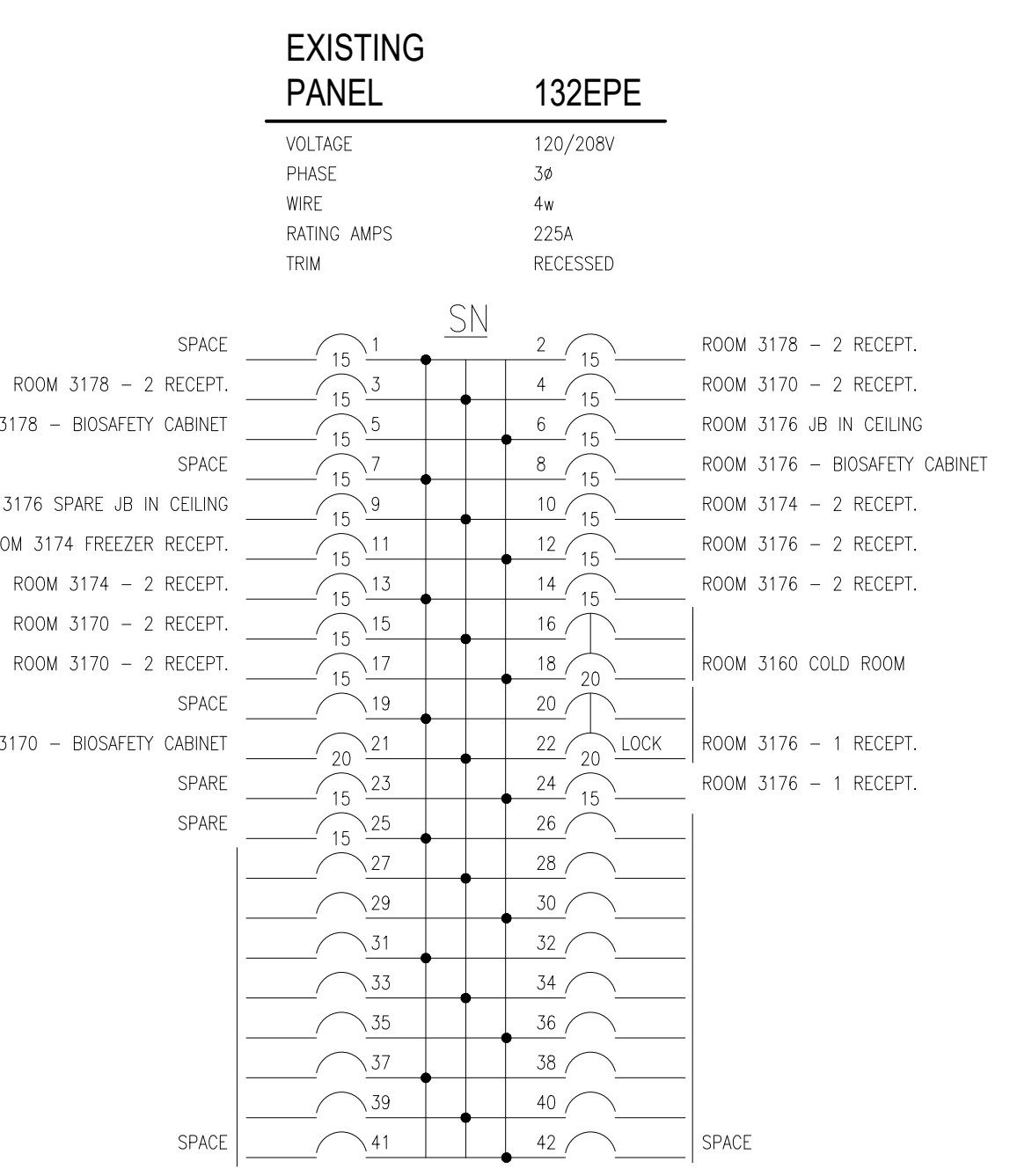
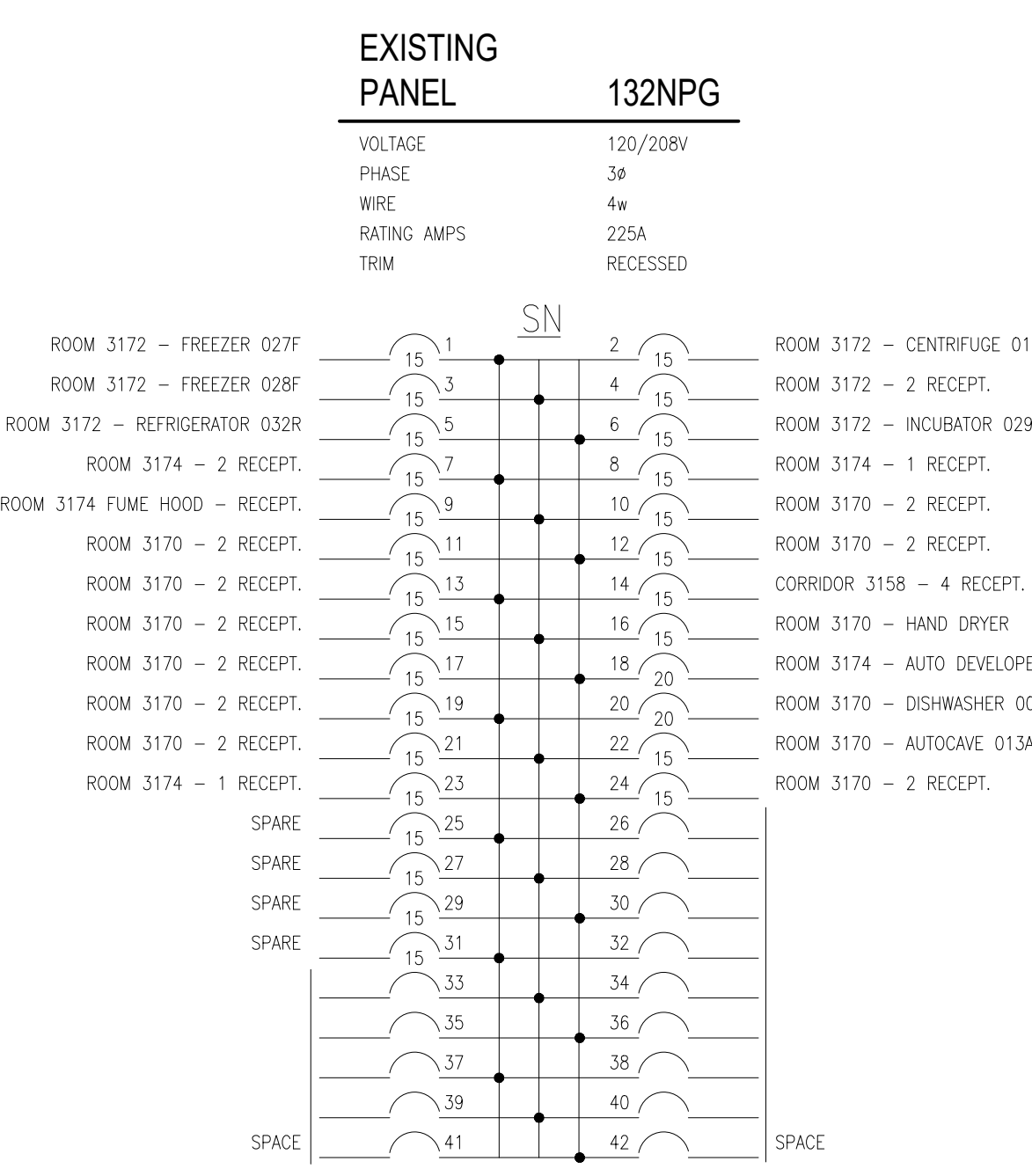
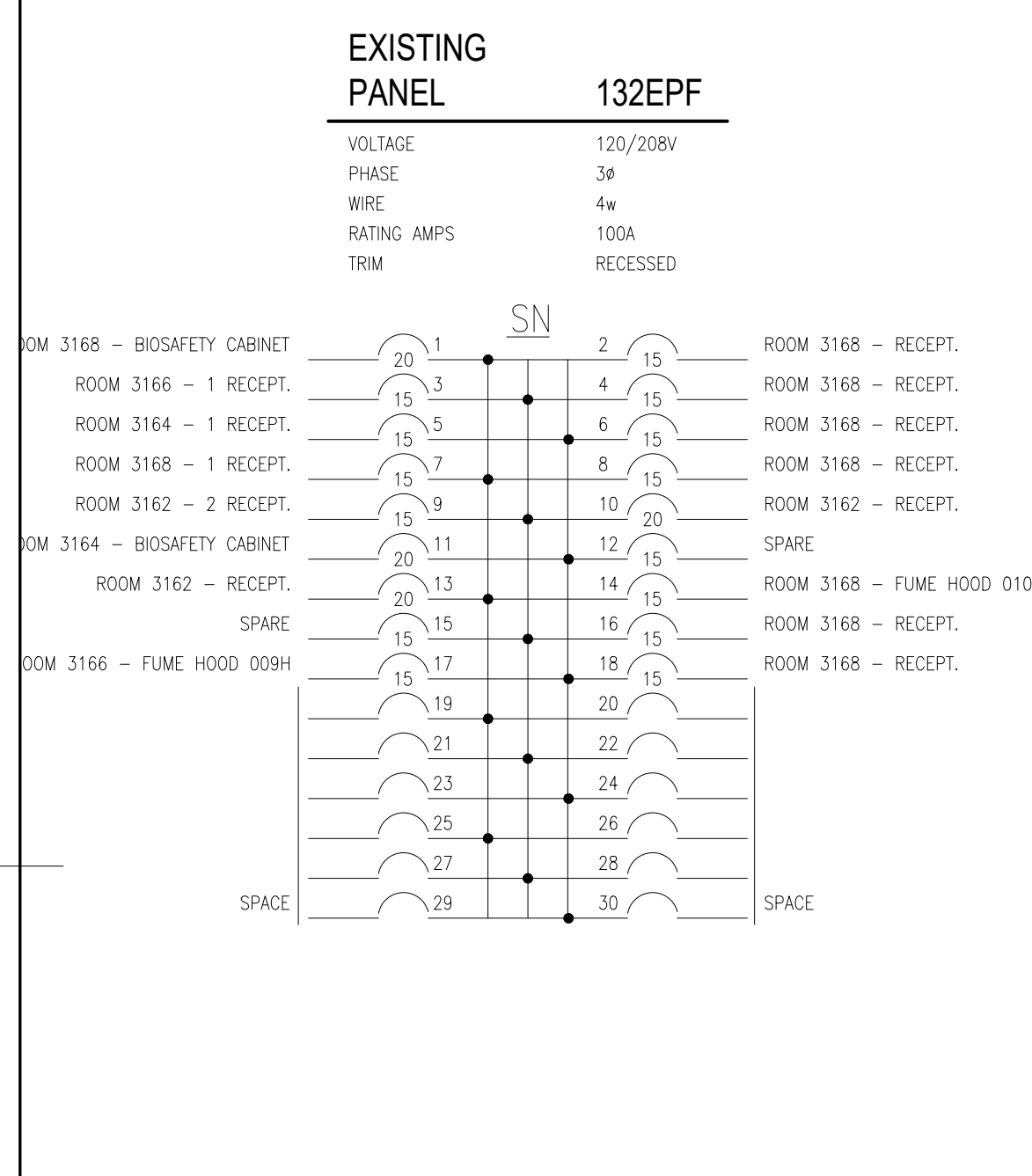
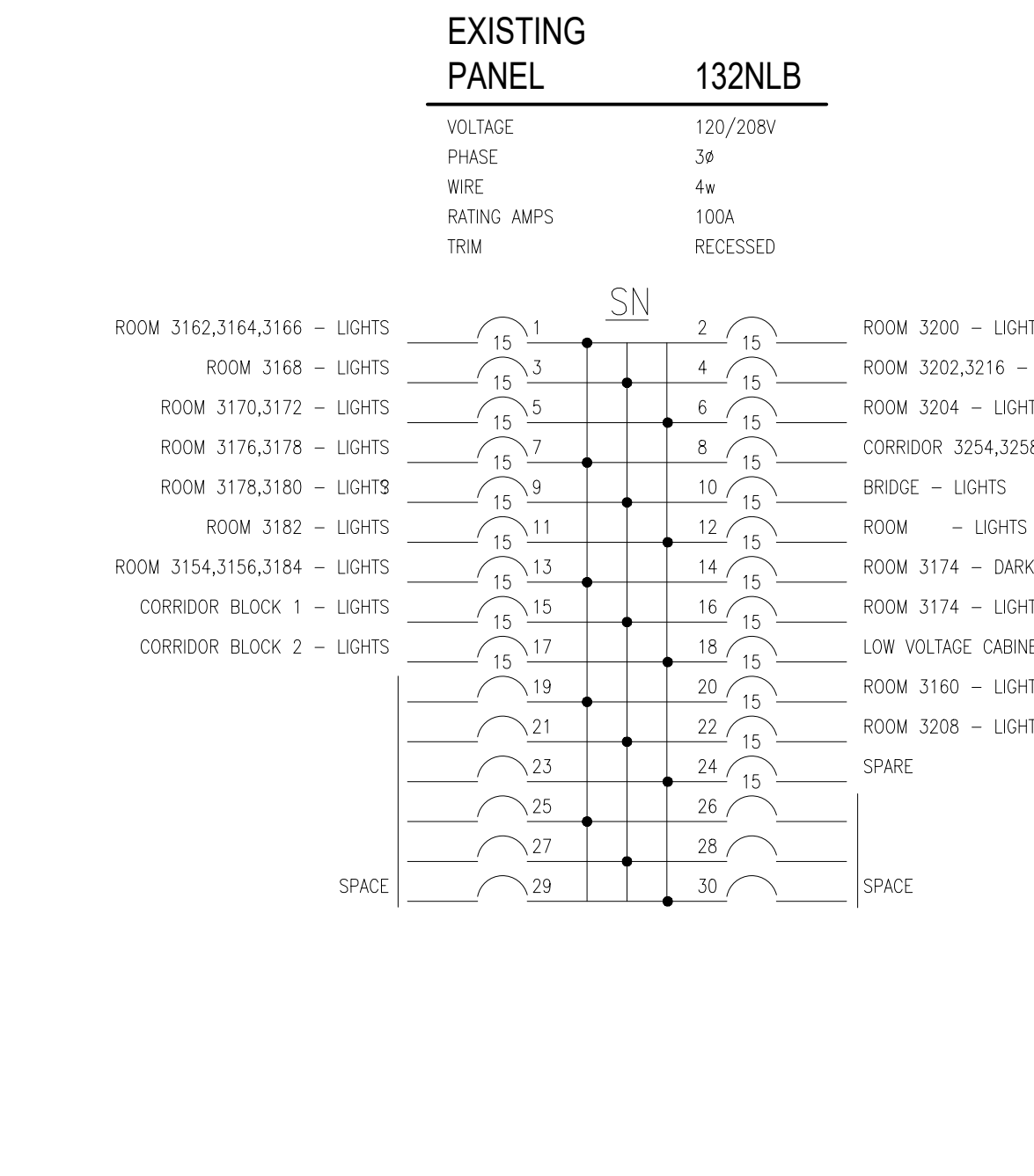
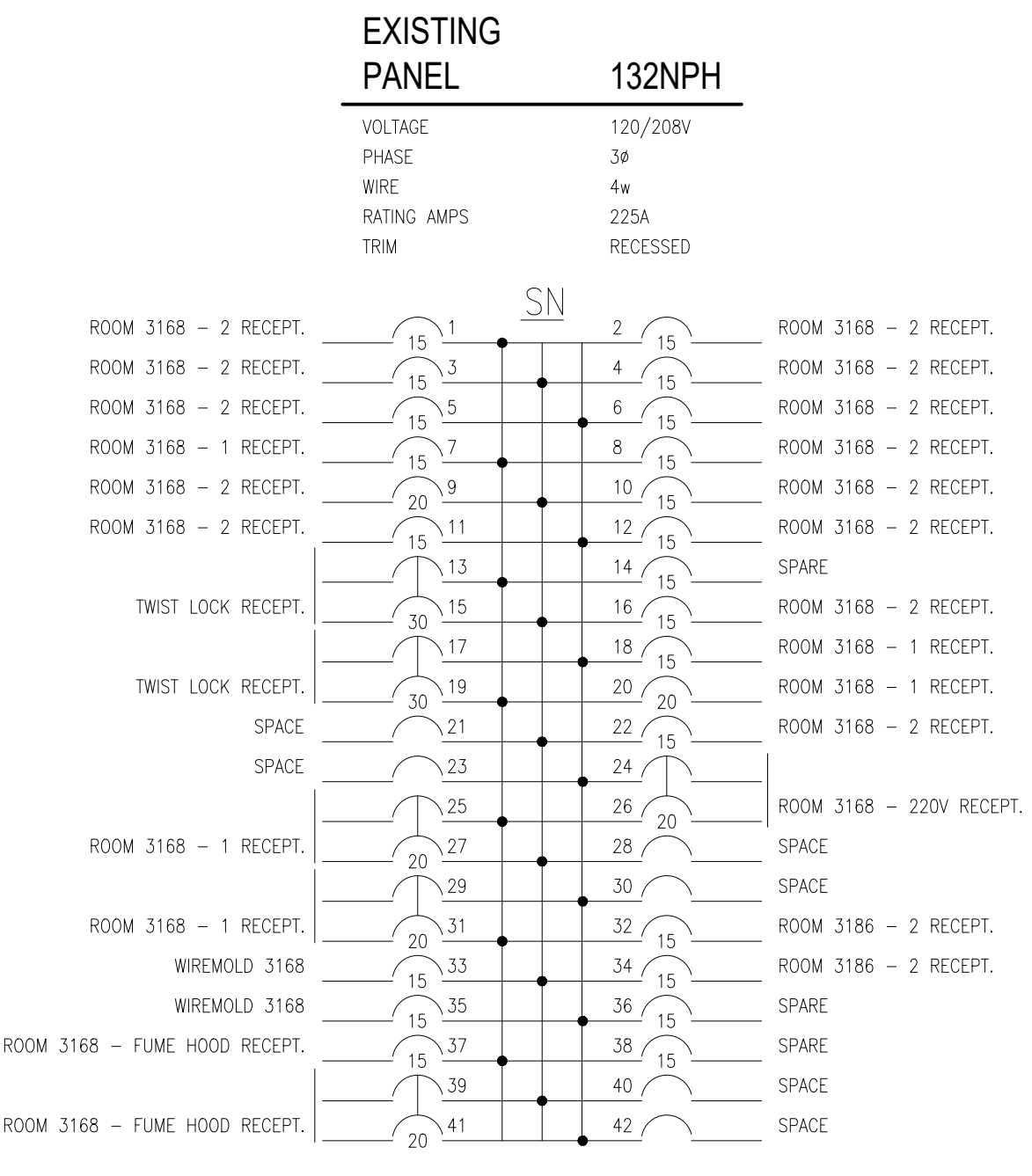
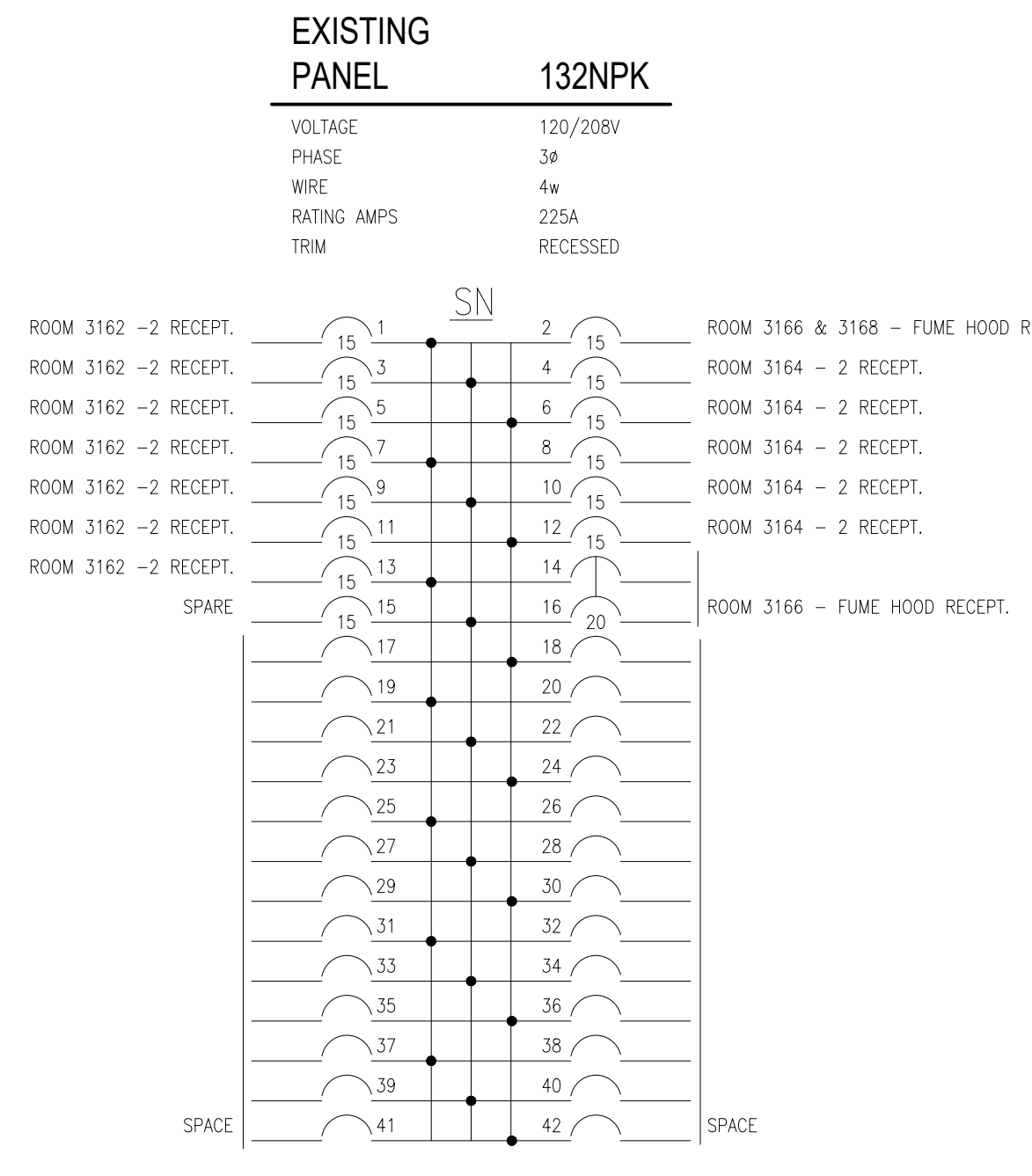
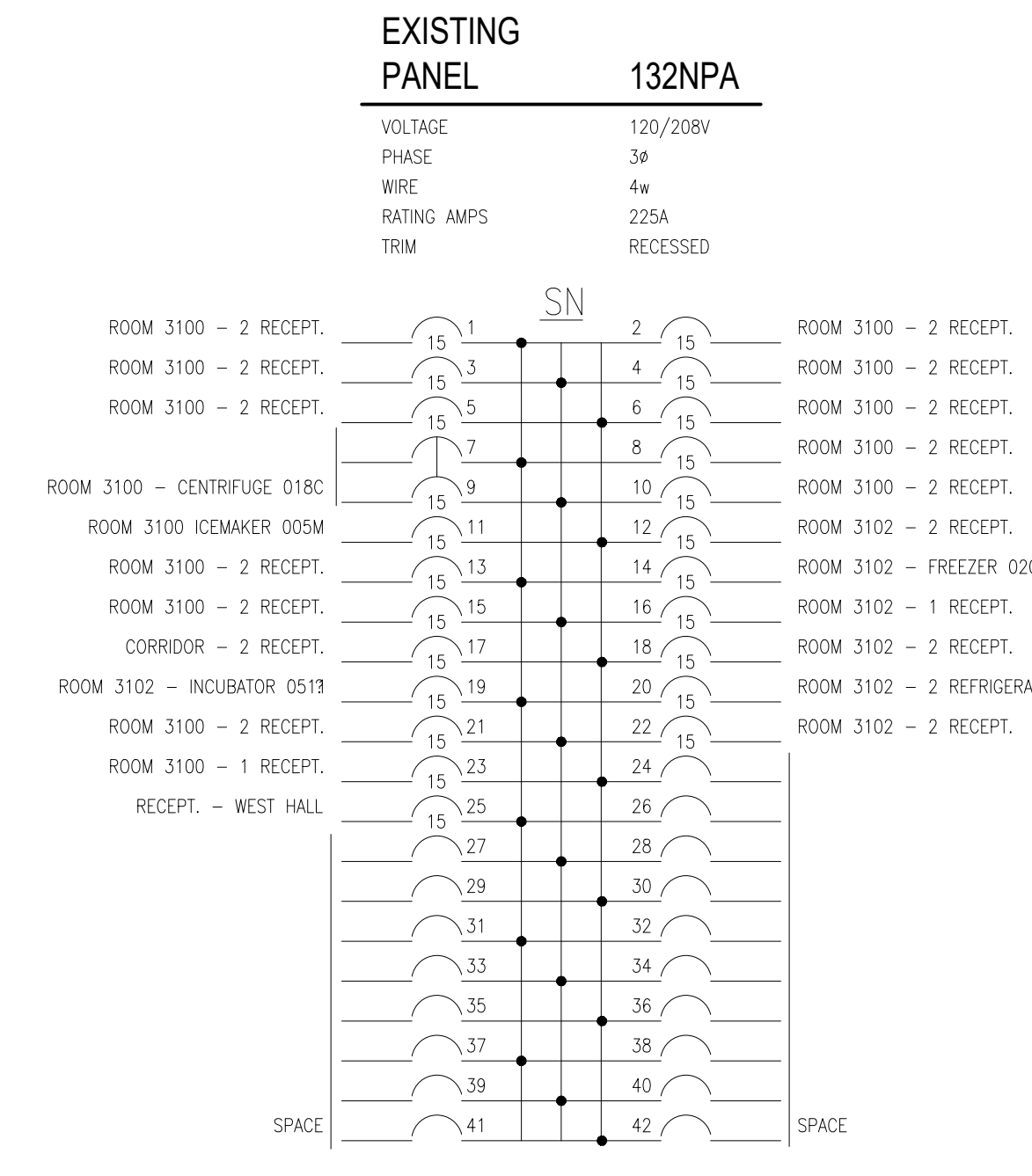
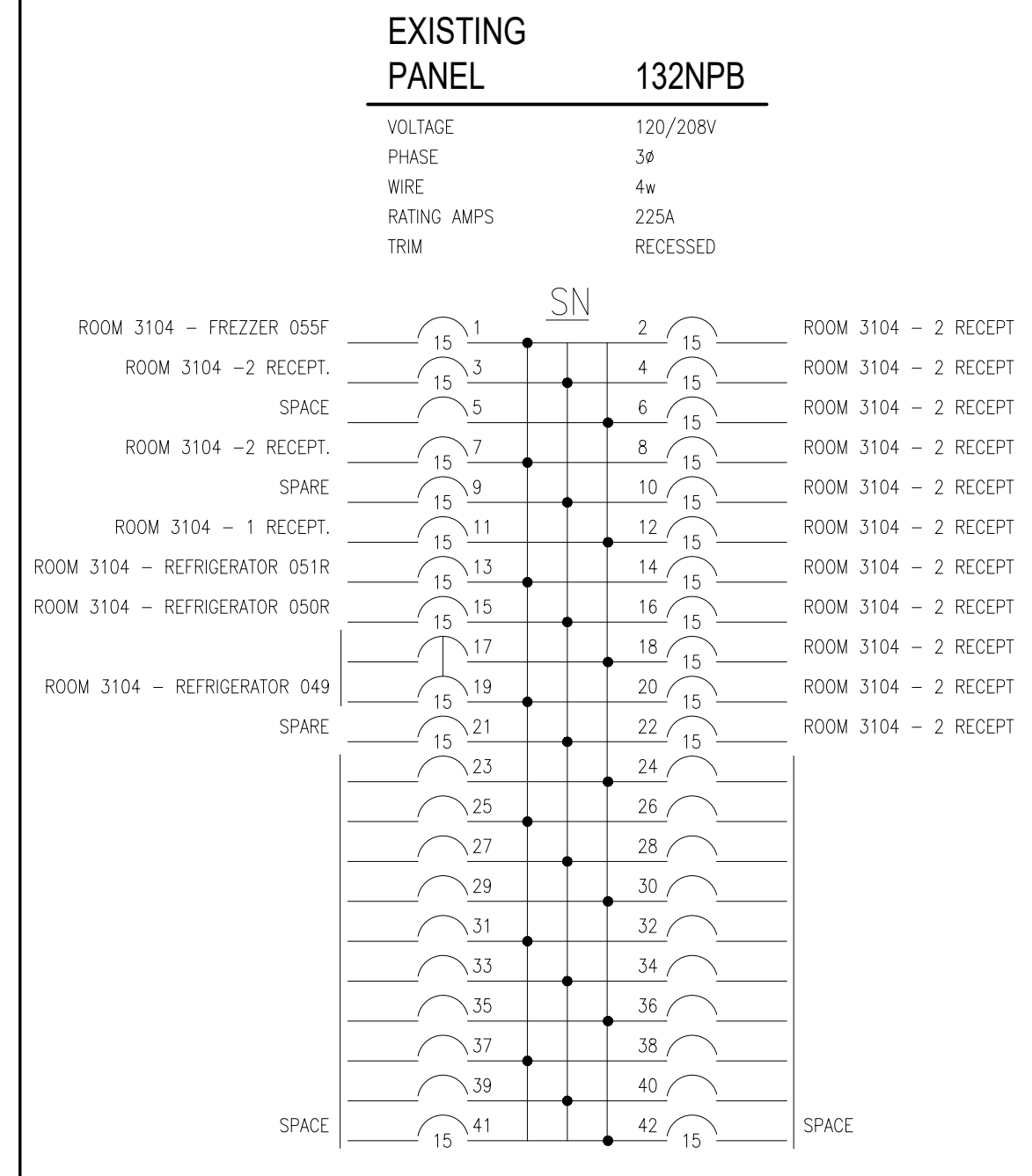
EXISTING ELECTRICAL PANEL SCHEDULES CONTINUED

Designed By	ED	Conçu par	ED
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Drawn By	ED	Dessiné par	ED
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Reviewed By	AM	Examiné par	AM
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Approved By	AM	Approuvé par	AM
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Tender	ANNE RICHARDS	Submission	

Project Manager / Administrateur de projets
 Project no. / No. du projet

PTS 4845

Drawing no. / No. du dessin
E8



GENERAL NOTES

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L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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revisions	description	date
4	ISSUED FOR TENDER	2019-01-07
3	ISSUED FOR TENDER REVIEW	2018-11-27
2	ISSUED FOR 99% REVIEW	2018-11-02
1	ISSUED FOR 66% REVIEW	2018-10-12

project _____ project _____

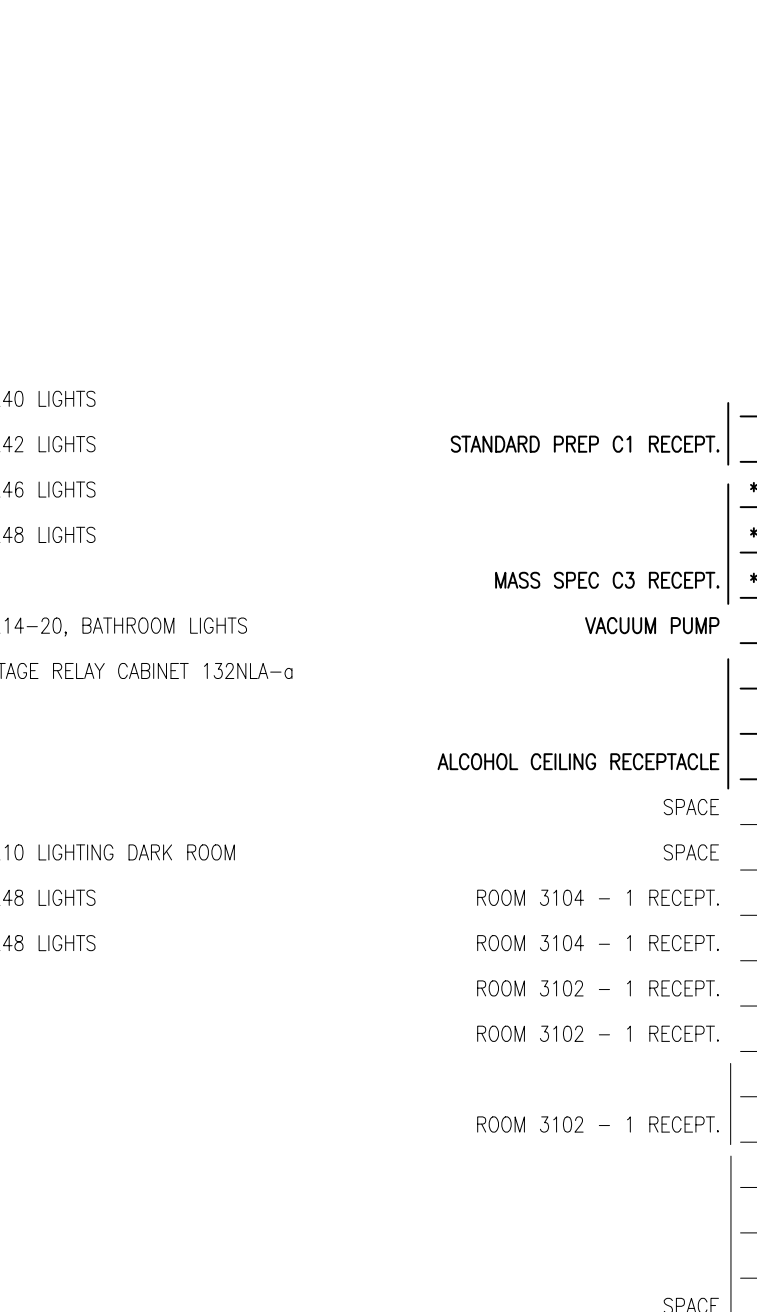
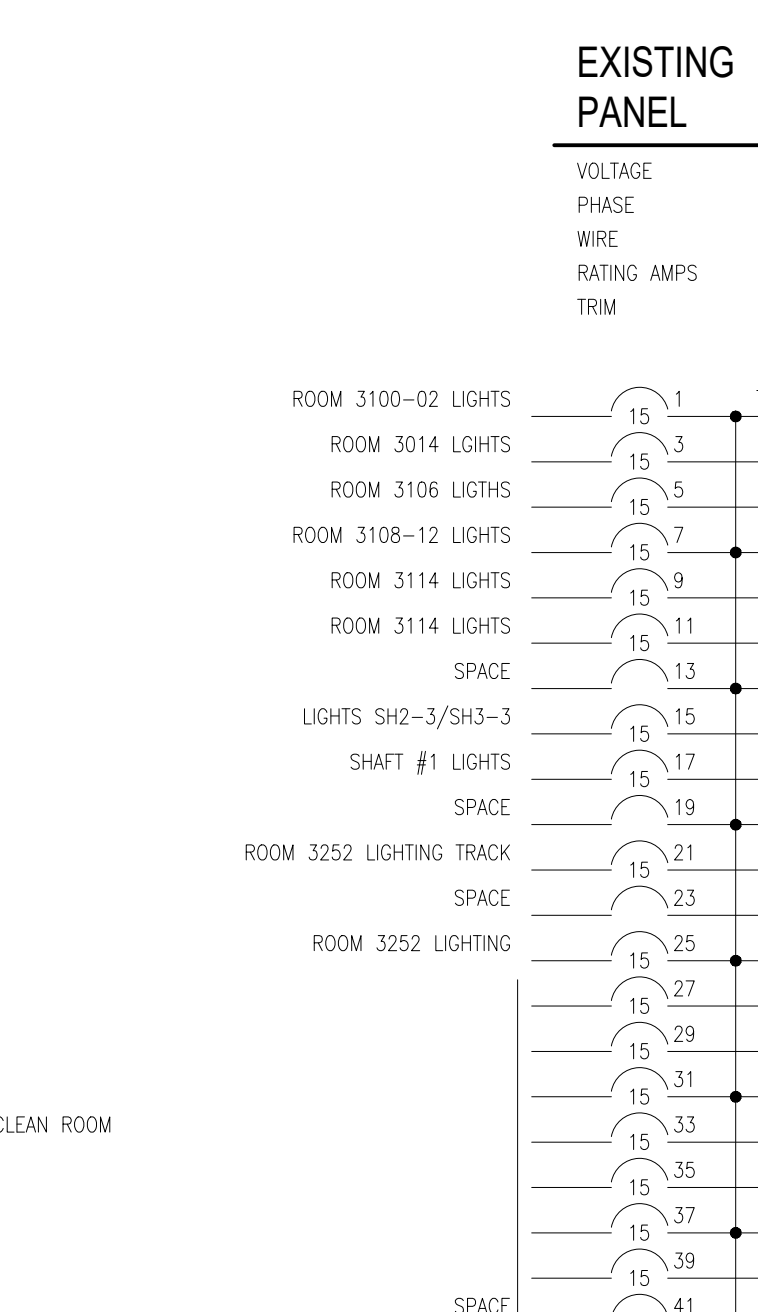
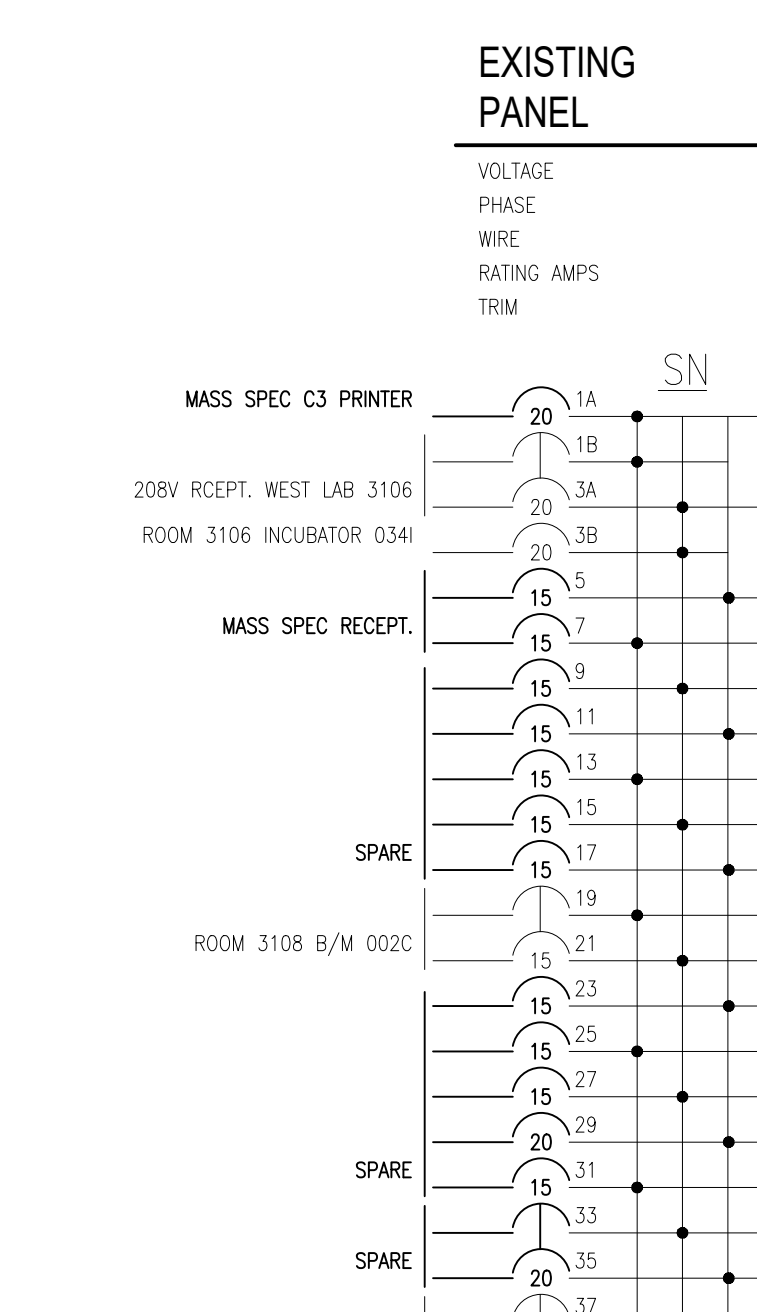
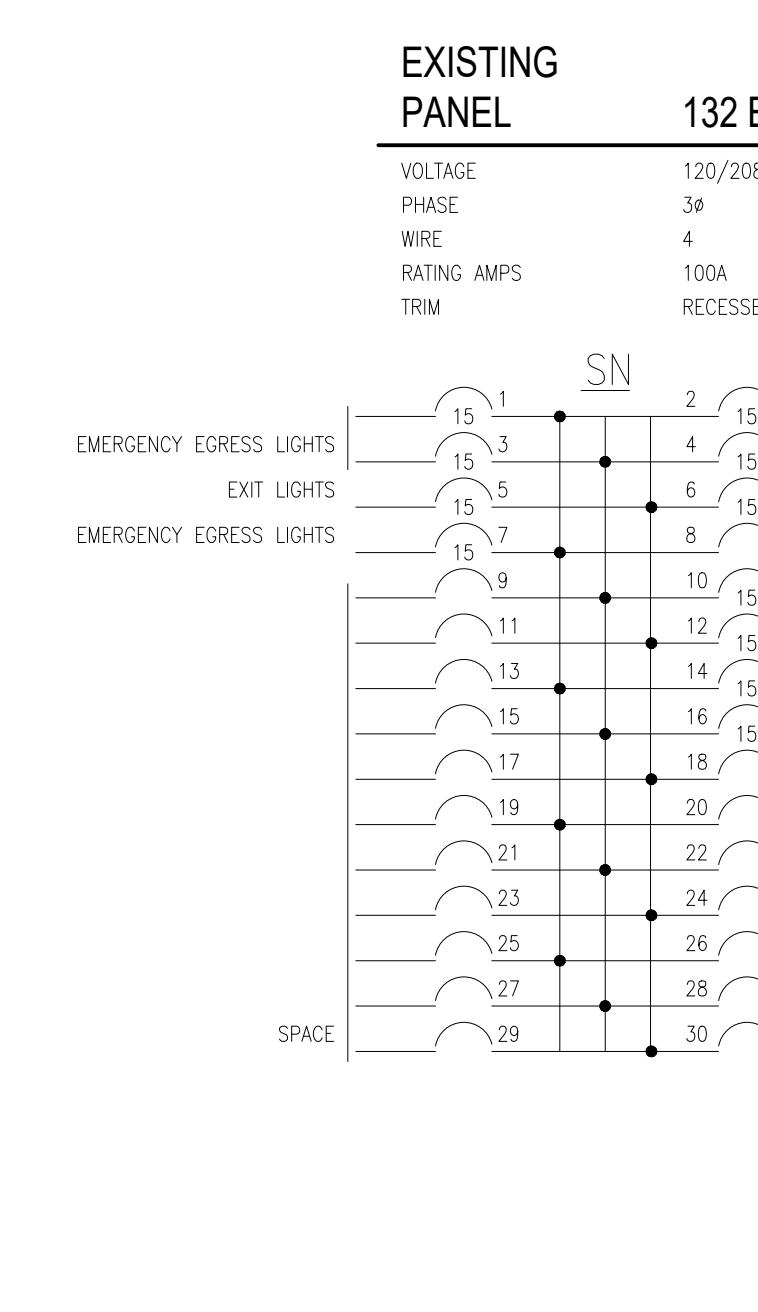
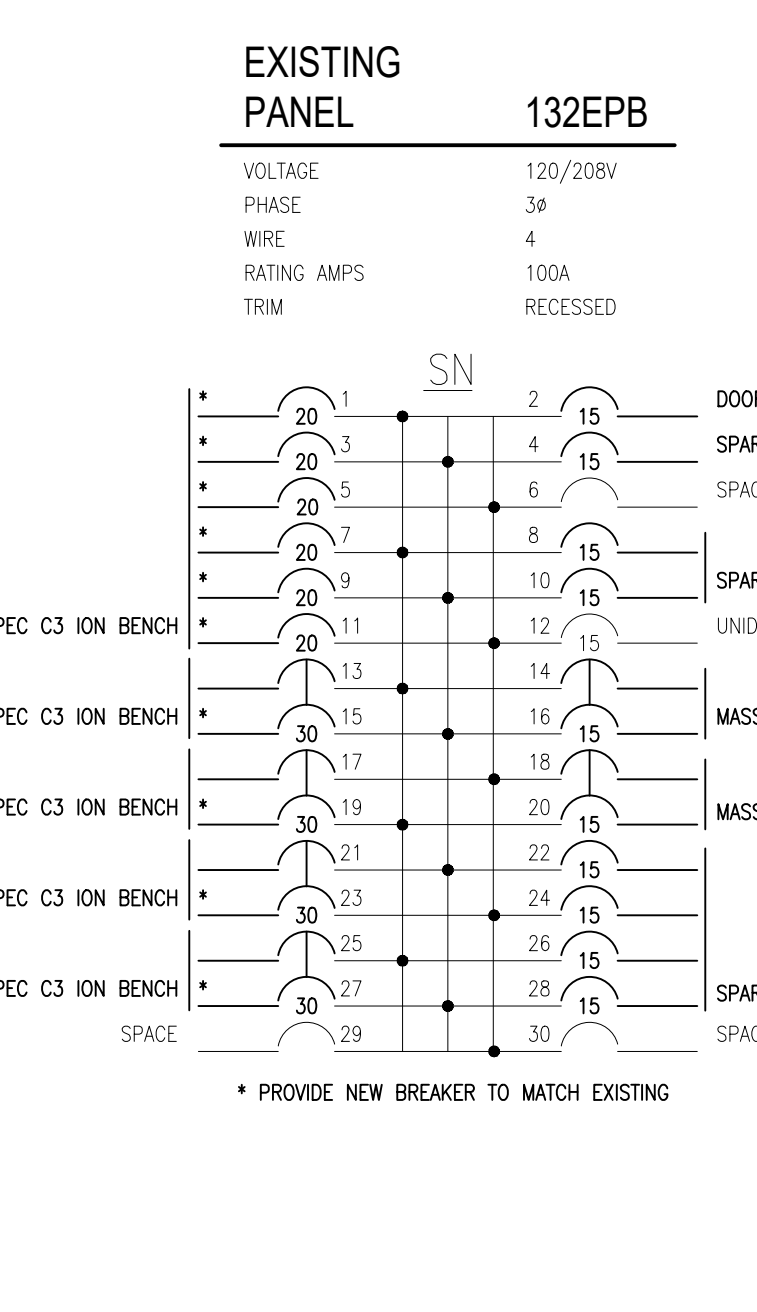
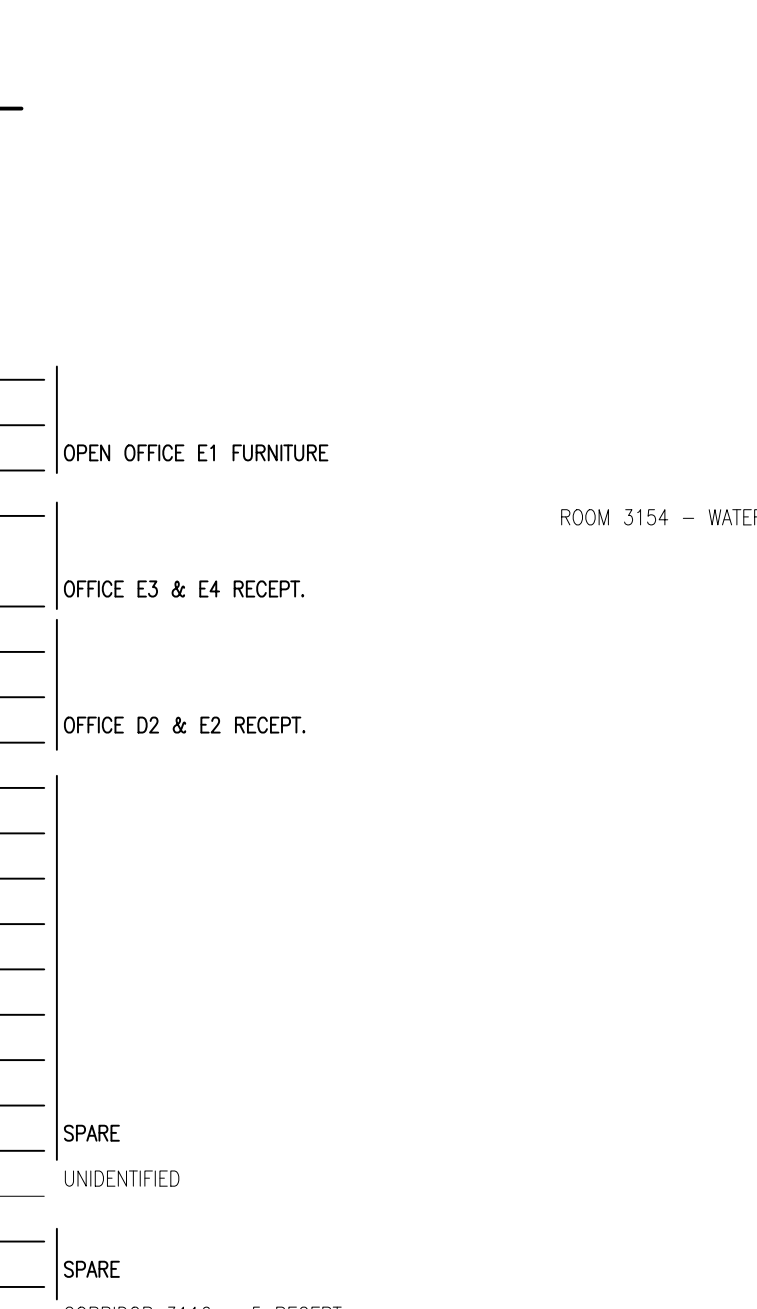
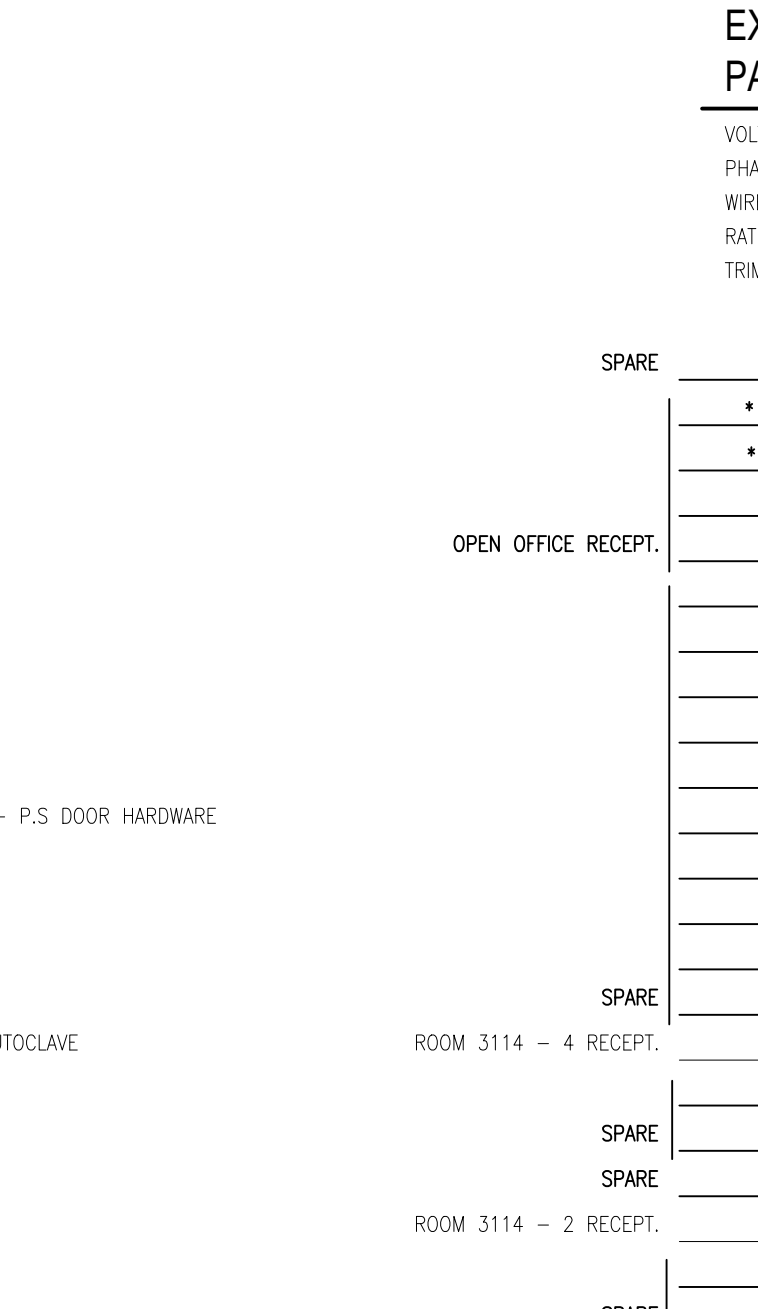
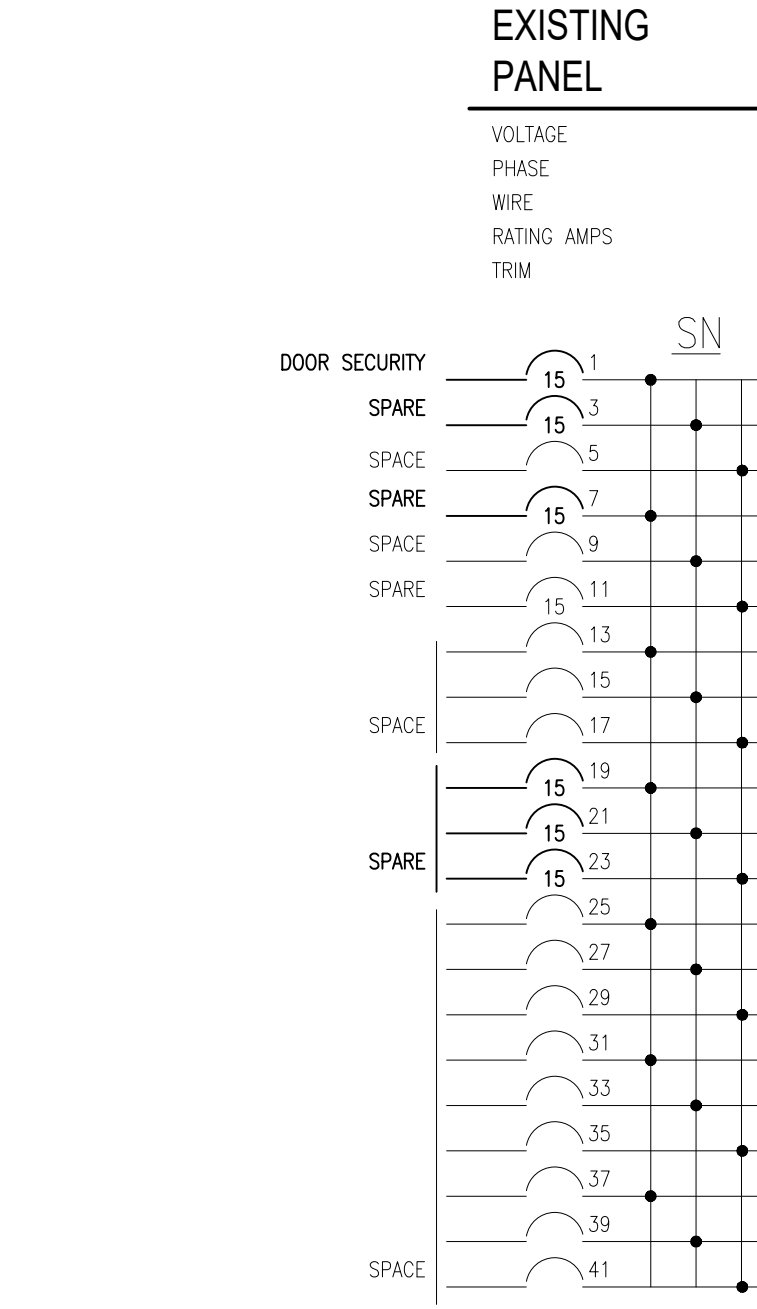
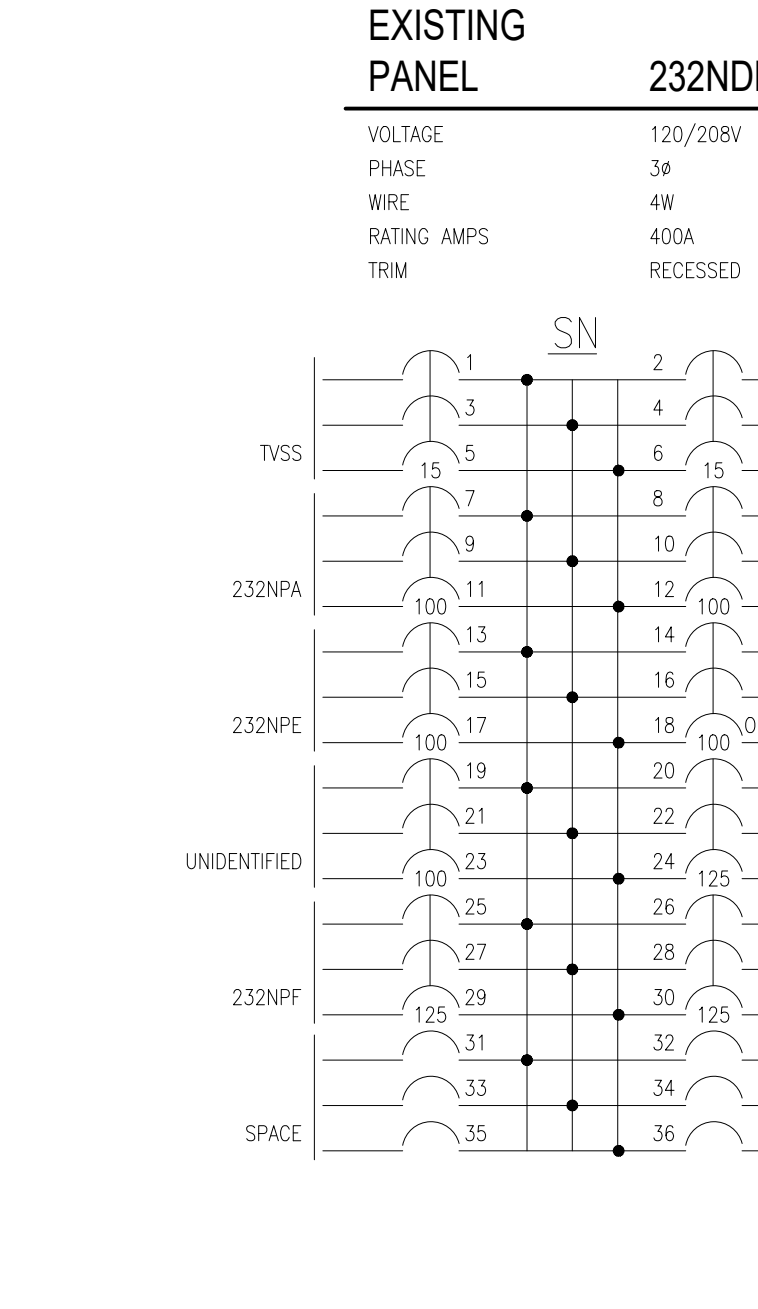
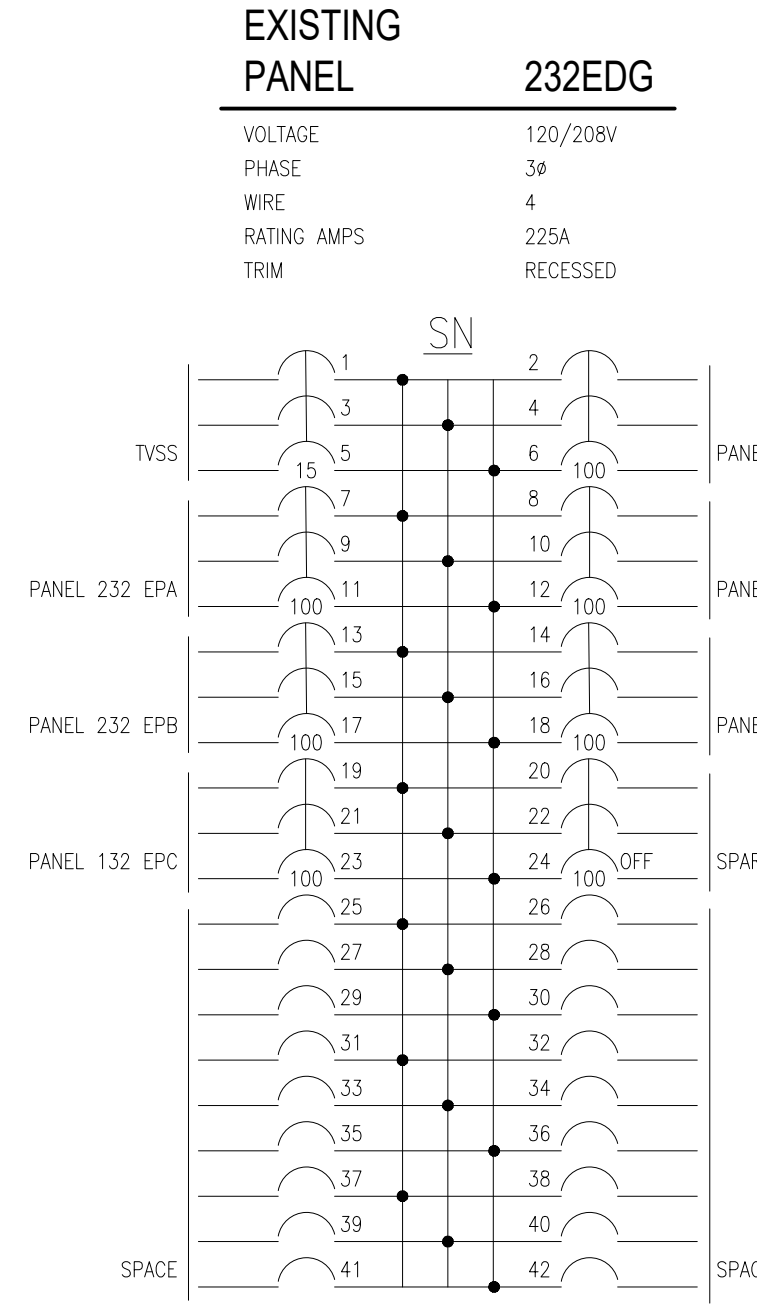
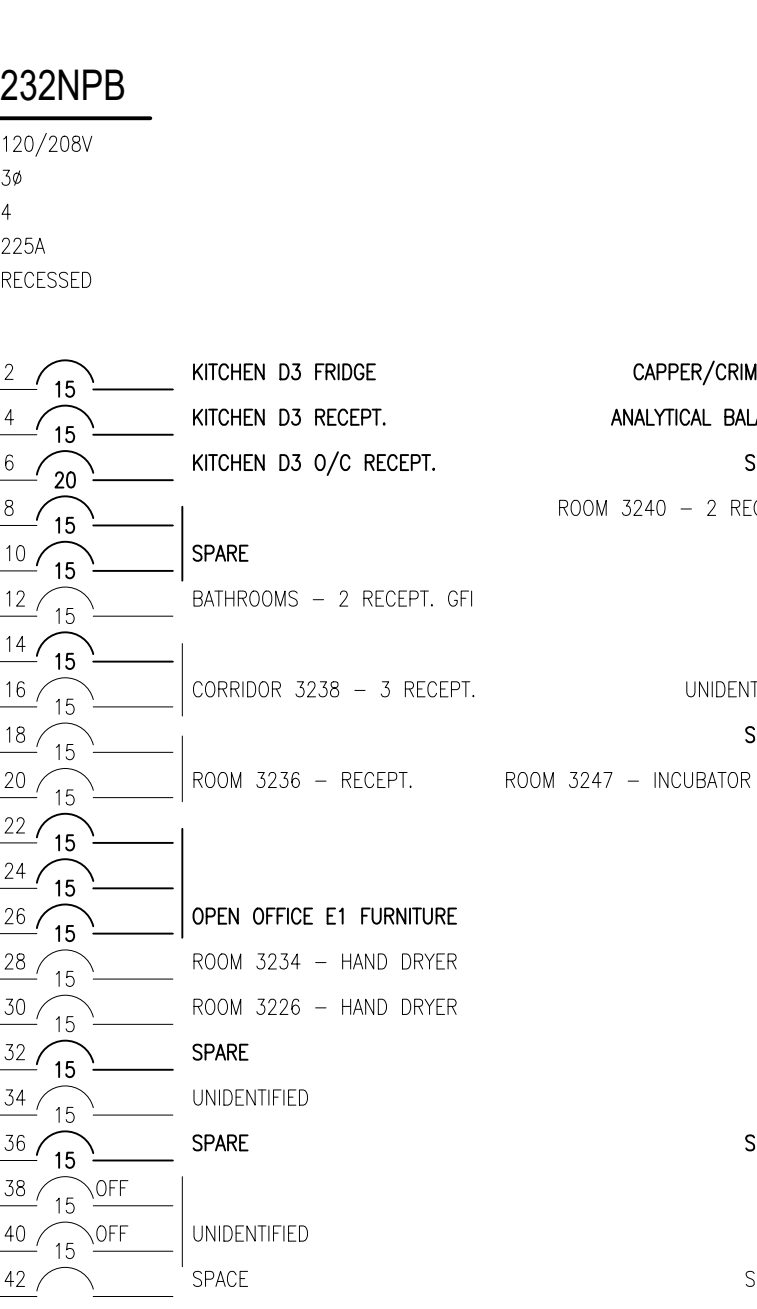
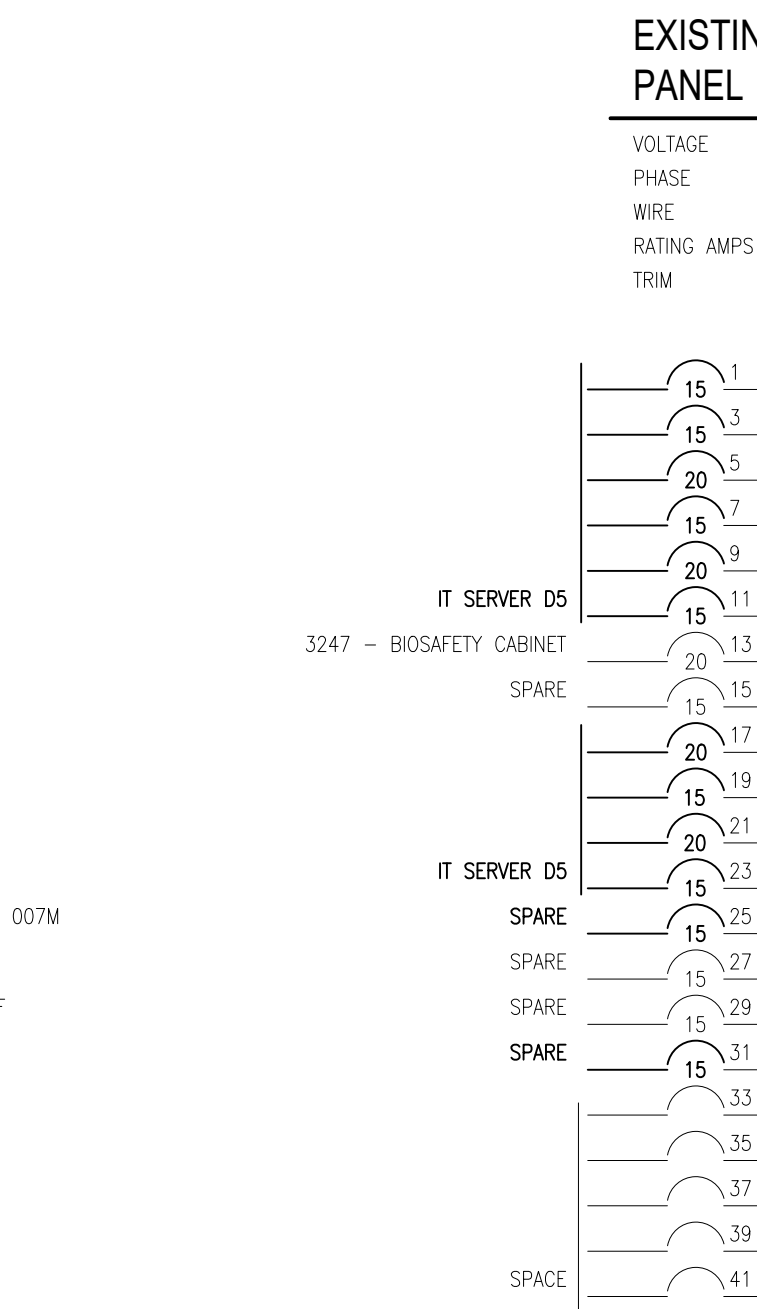
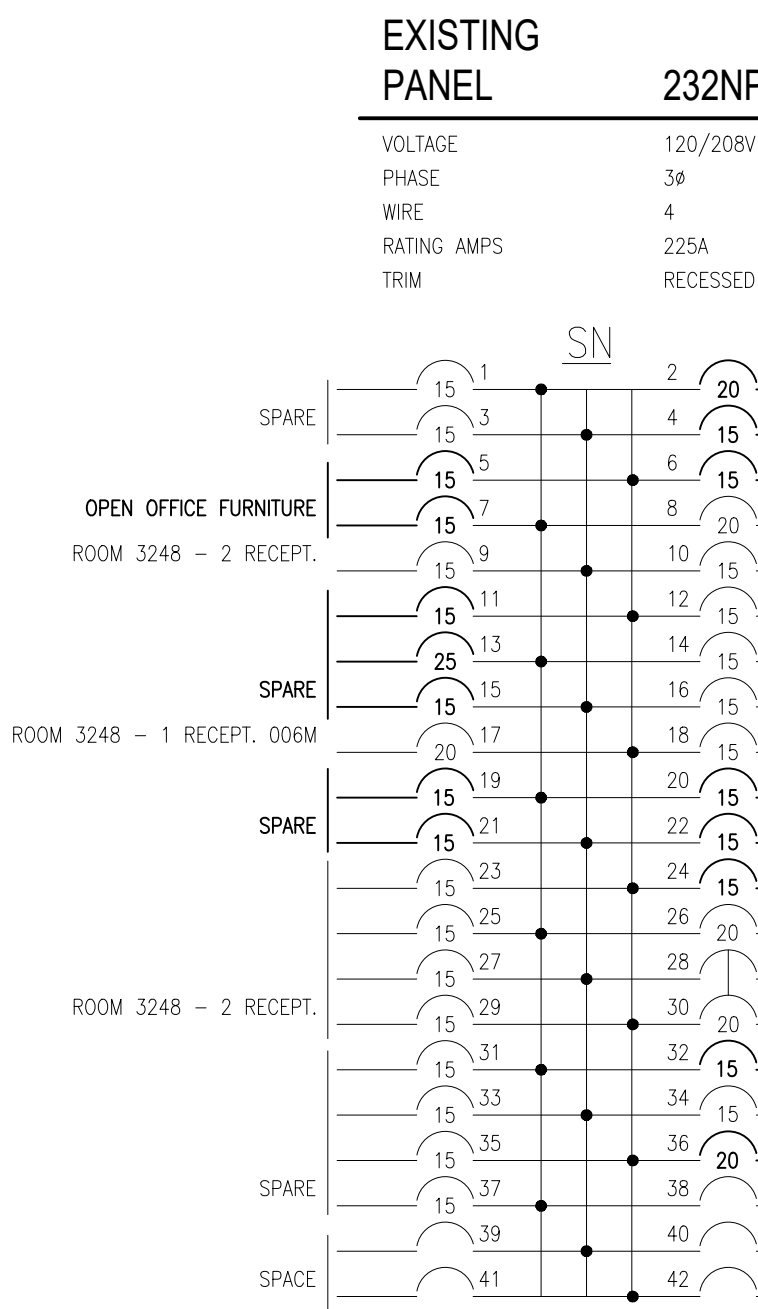
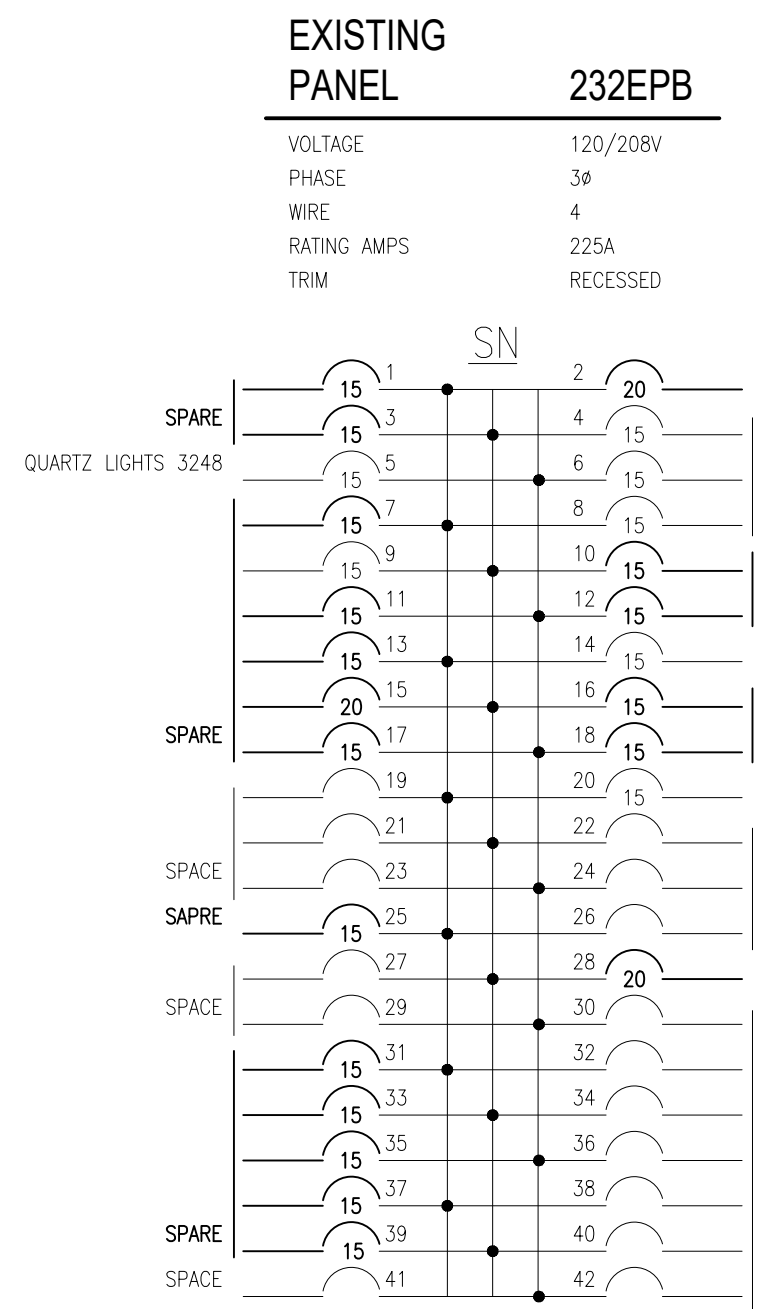
DID LAB RENOVATIONS

OTTAWA, ONTARIO

drawing _____ dessin _____

NEW ELECTRICAL PANEL SCHEDULES

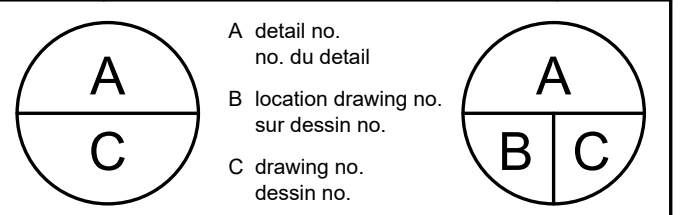
Designed By	ED	Conçu par	Conçu par
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Drawn By	ED	Dessiné par	Dessiné par
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Reviewed By	AM	Examiné par	Examiné par
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Approved By	AM	Approuvé par	Approuvé par
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Tender	ANNE RICHARDS	Submission	Submission
Project Manager	Administrateur de projets	Administrateur de projets	Administrateur de projets
Project no.	PTS 4845	No. du projet	No. du projet
Drawing no.	E9	No. du dessin	No. du dessin





L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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revisions	description	date
4	ISSUED FOR TENDER	2019-01-07
3	ISSUED FOR TENDER REVIEW	2018-11-27
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1	ISSUED FOR 66% REVIEW	2018-10-12



project project

DID LAB RENOVATIONS

OTTAWA, ONTARIO

drawing dessin

NEW ELECTRICAL PANEL SCHEDULES CONTINUED

Designed By	ED	Conçu par	ED
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Drawn By	ED	Dessiné par	ED
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Reviewed By	AM	Examiné par	AM
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Approved By	AM	Approuvé par	AM
Date	NOV 2018	(yyyy/mm/dd)	(yyyy/mm/dd)
Tender	ANNE RICHARDS	Soumission	

Project Manager Administrateur de projets

Project no. No. du projet

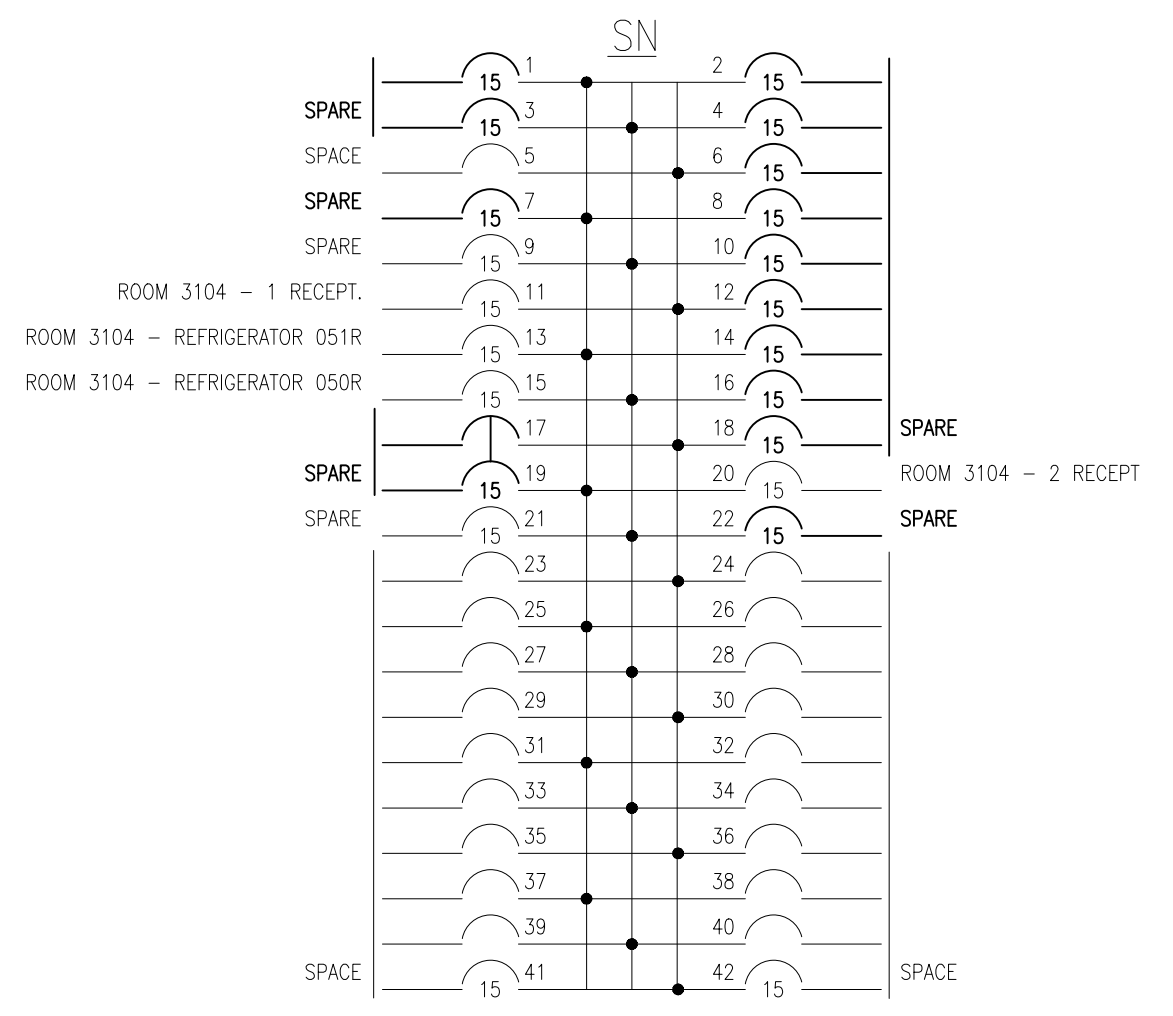
PTS 4845

Drawing no. No. du dessin

E10

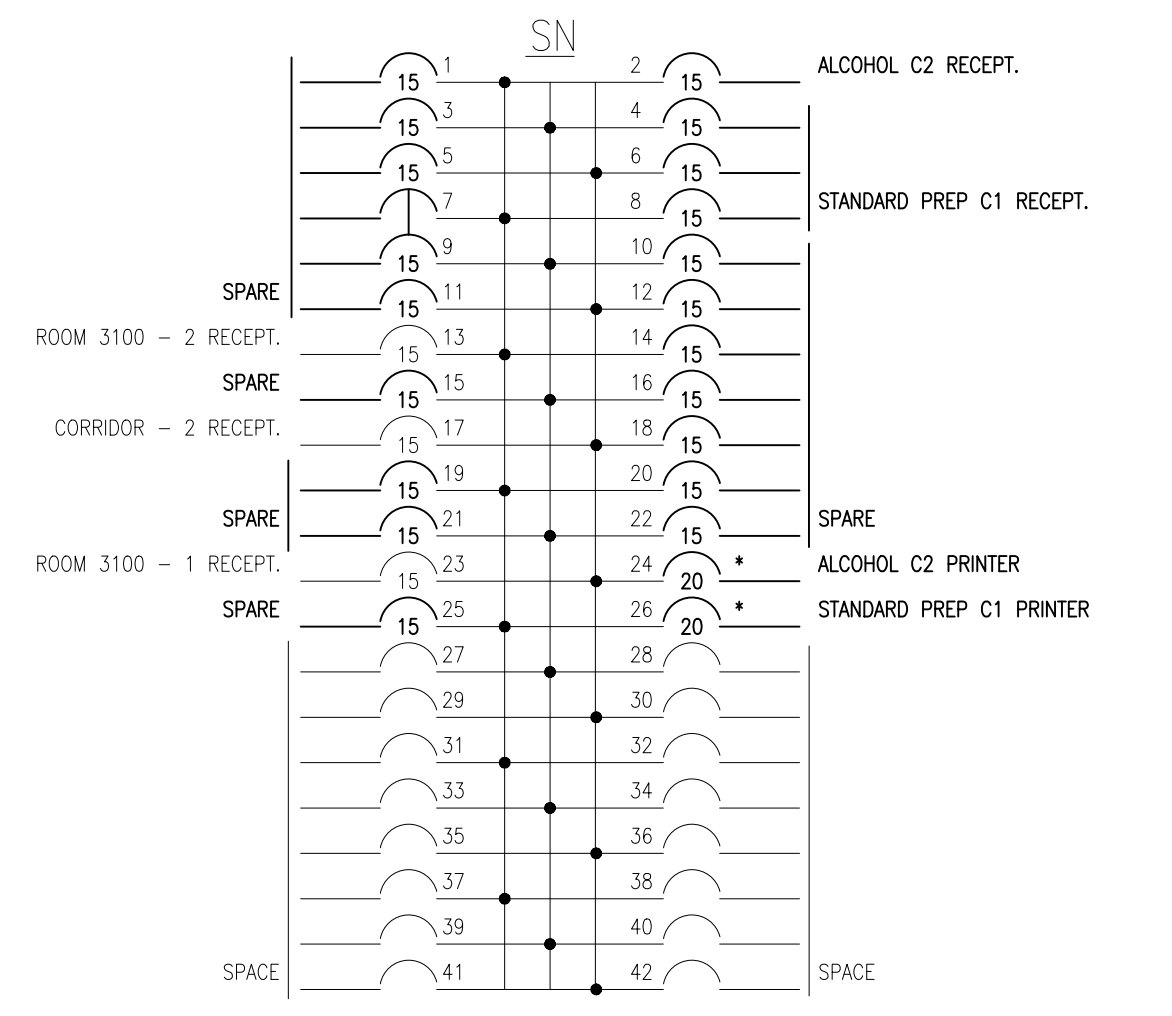
EXISTING PANEL 132NPB

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



EXISTING PANEL 132NPA

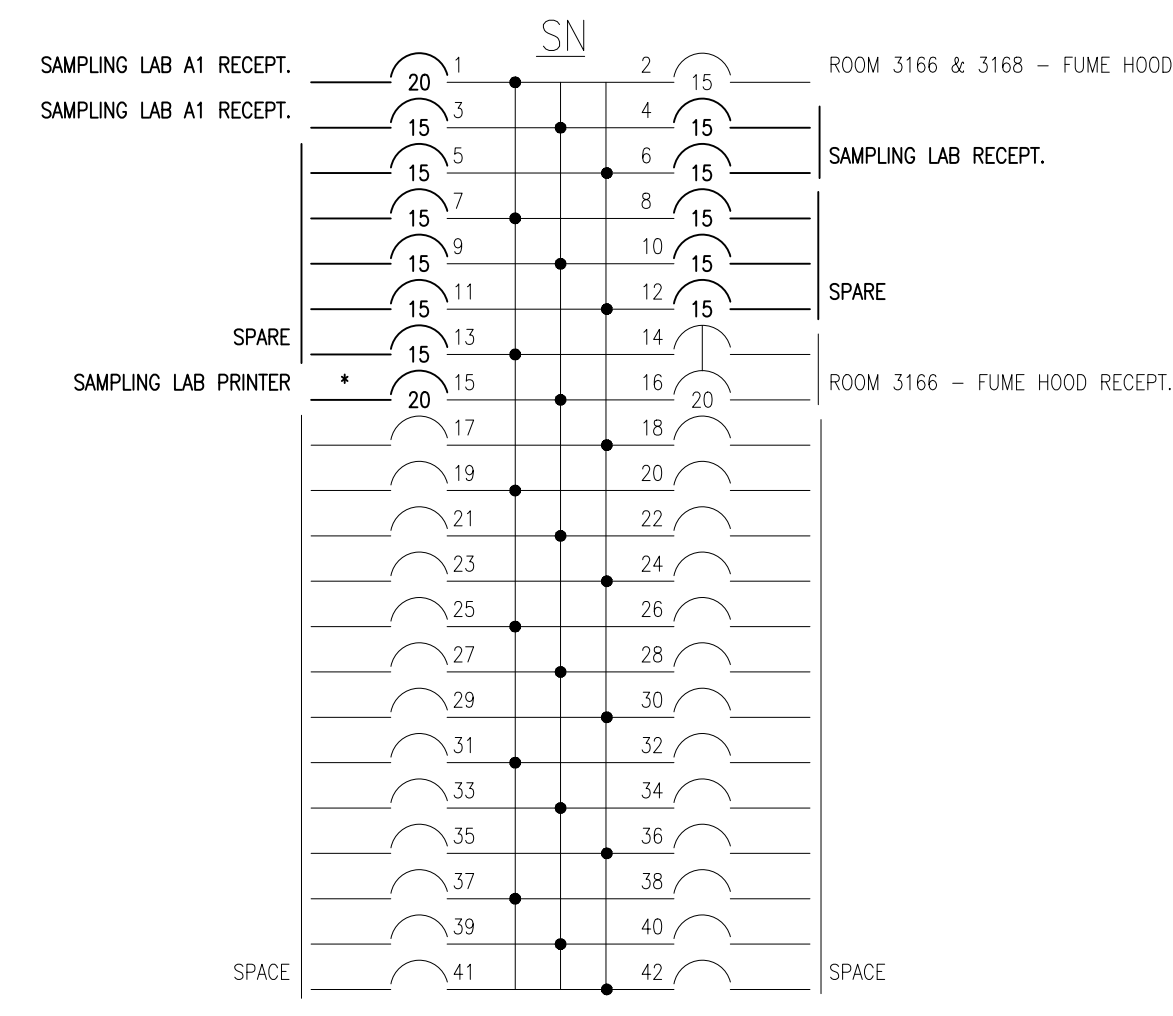
VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

EXISTING PANEL 132NPK

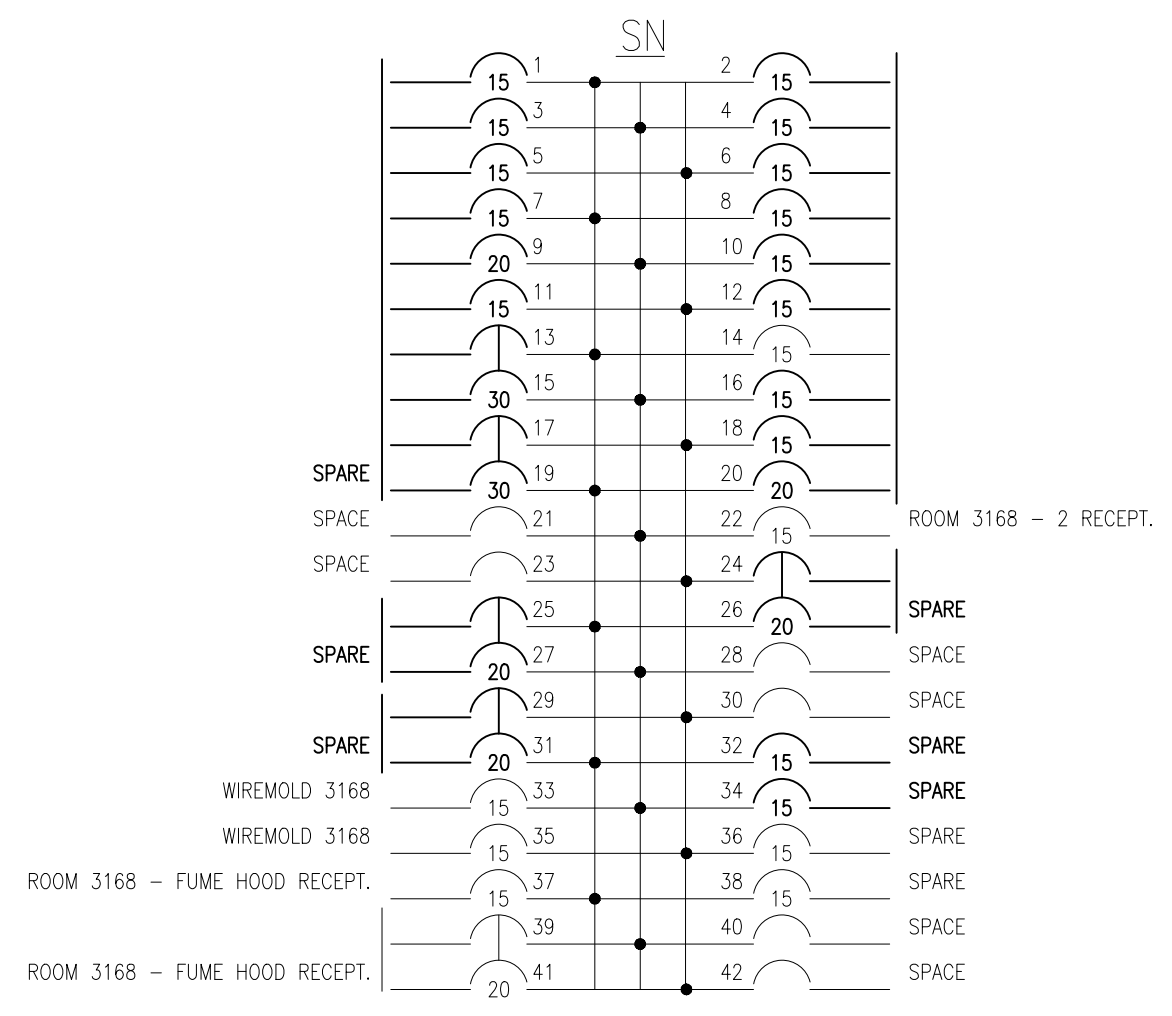
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PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

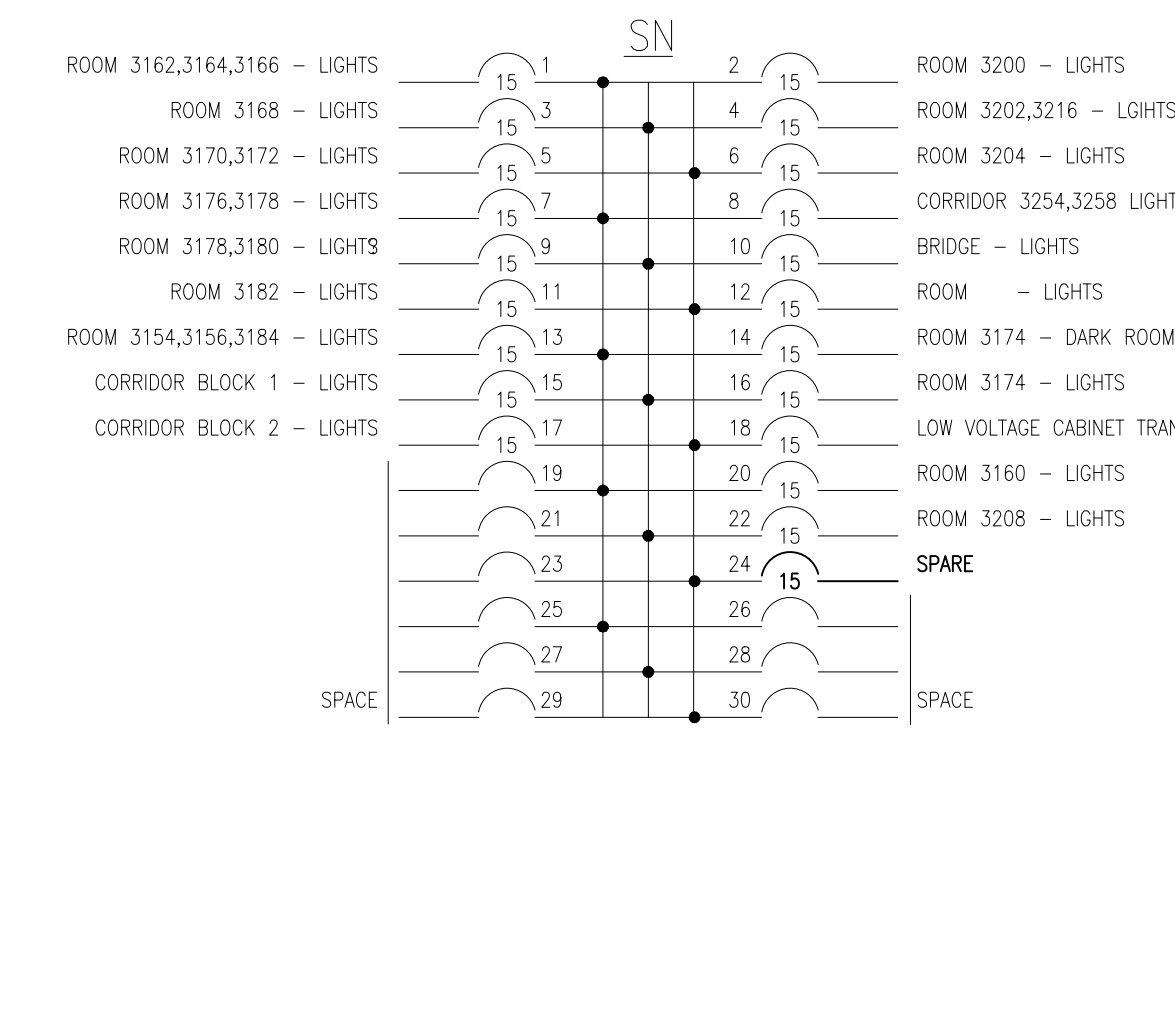
EXISTING PANEL 132NPH

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



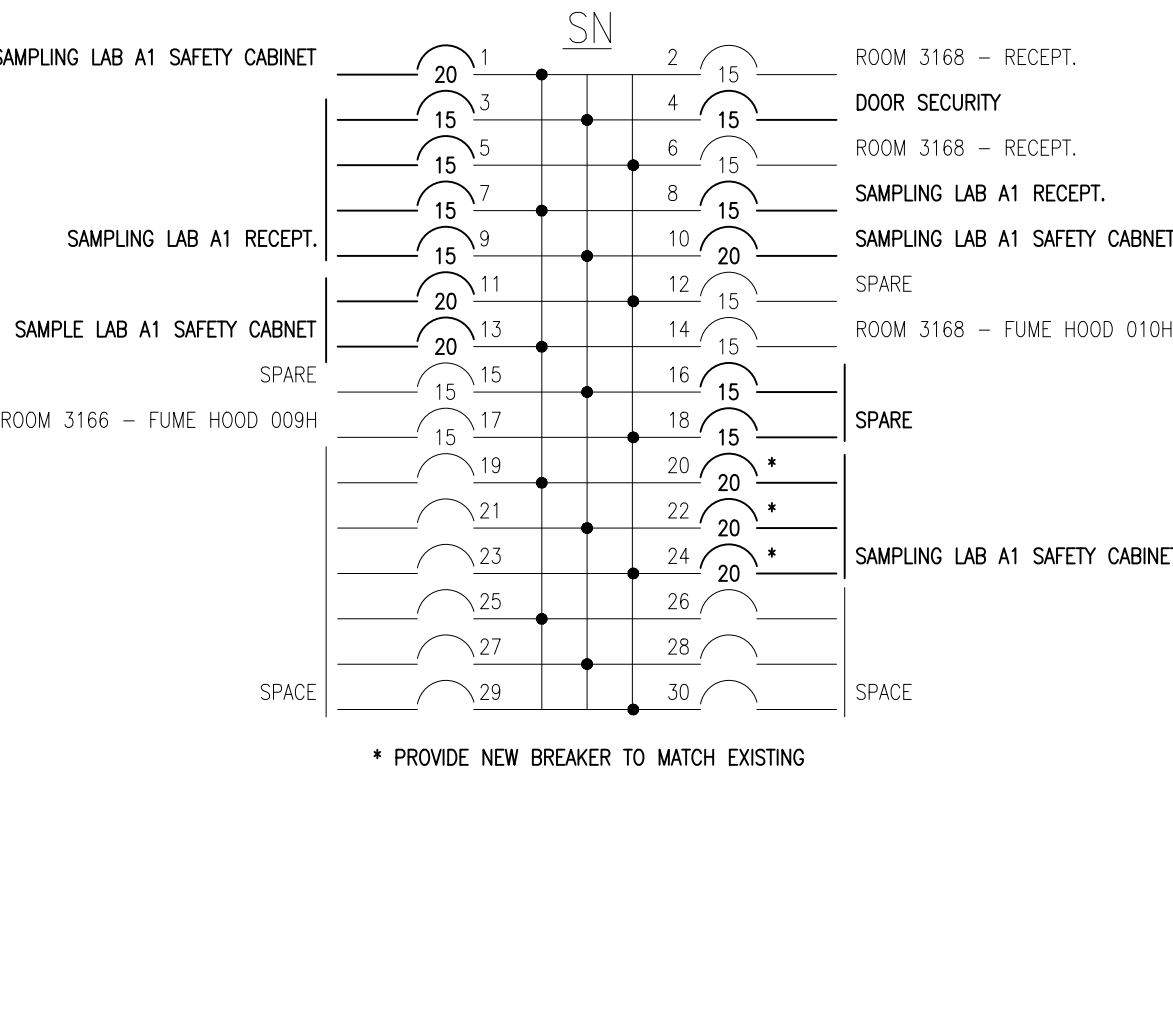
EXISTING PANEL 132NLB

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 100A
TRIM RECESSED



EXISTING PANEL 132EPF

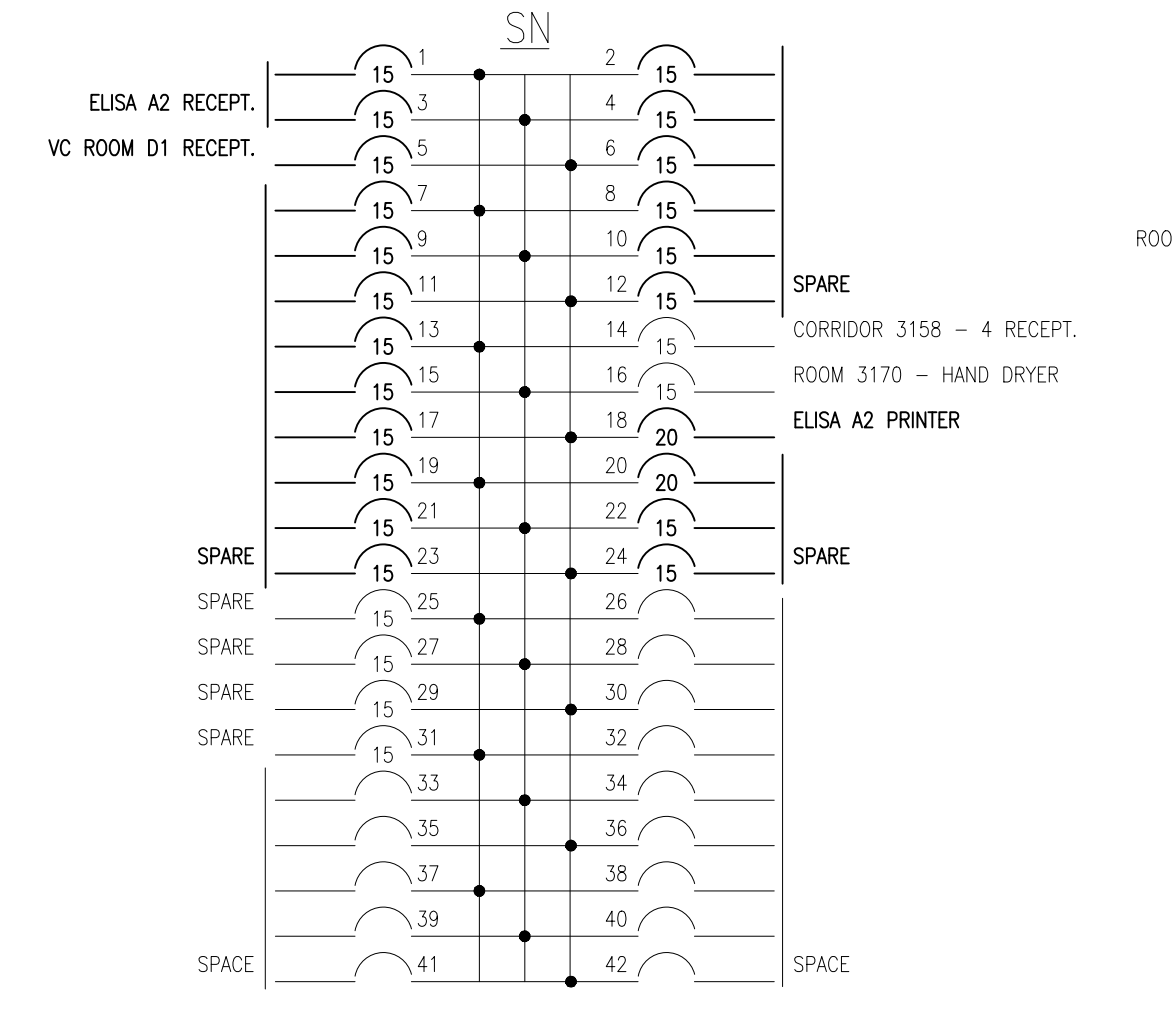
VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 100A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

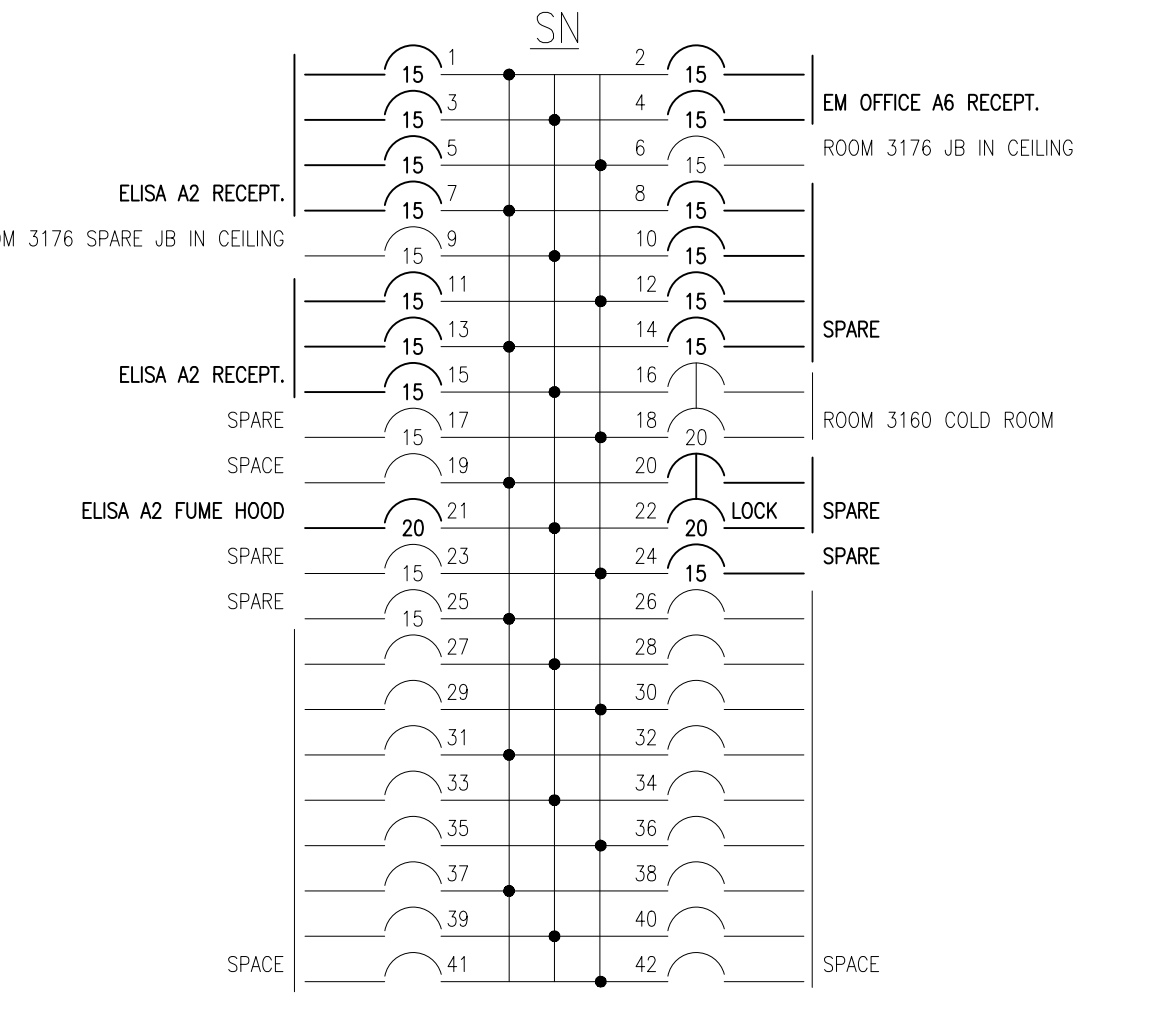
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VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



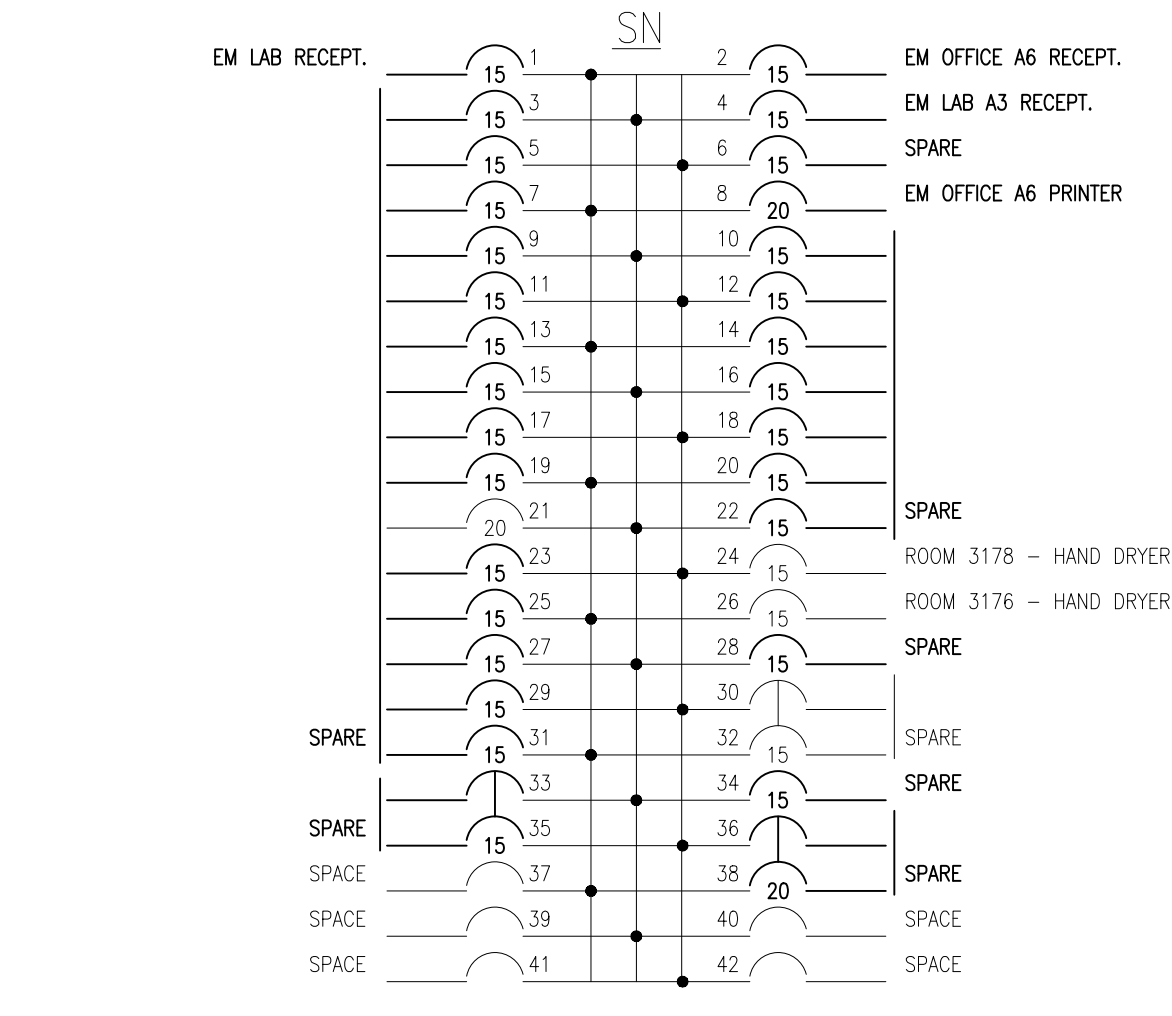
EXISTING PANEL 132EPE

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



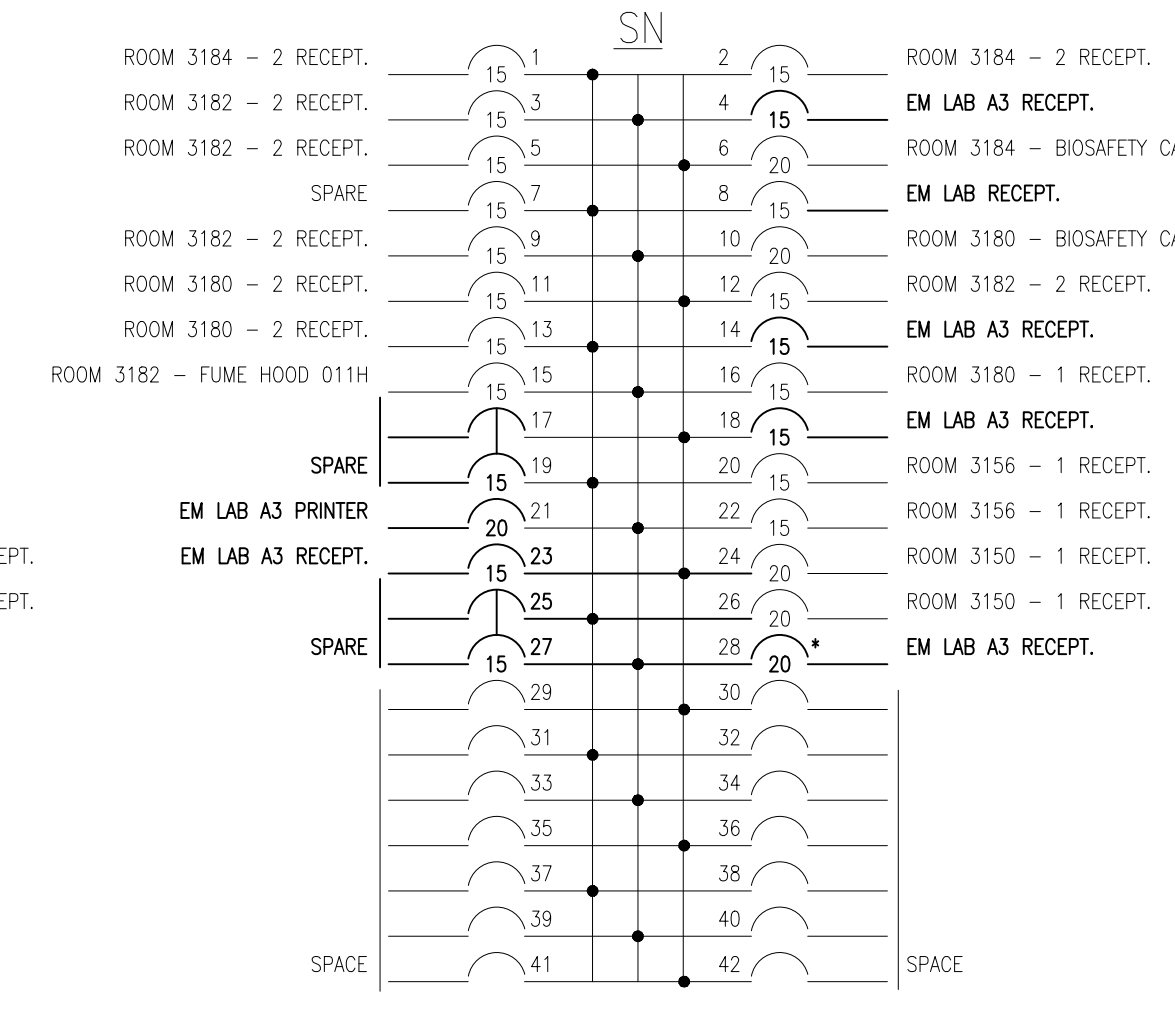
EXISTING PANEL 132NPF

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



EXISTING PANEL 132EPD

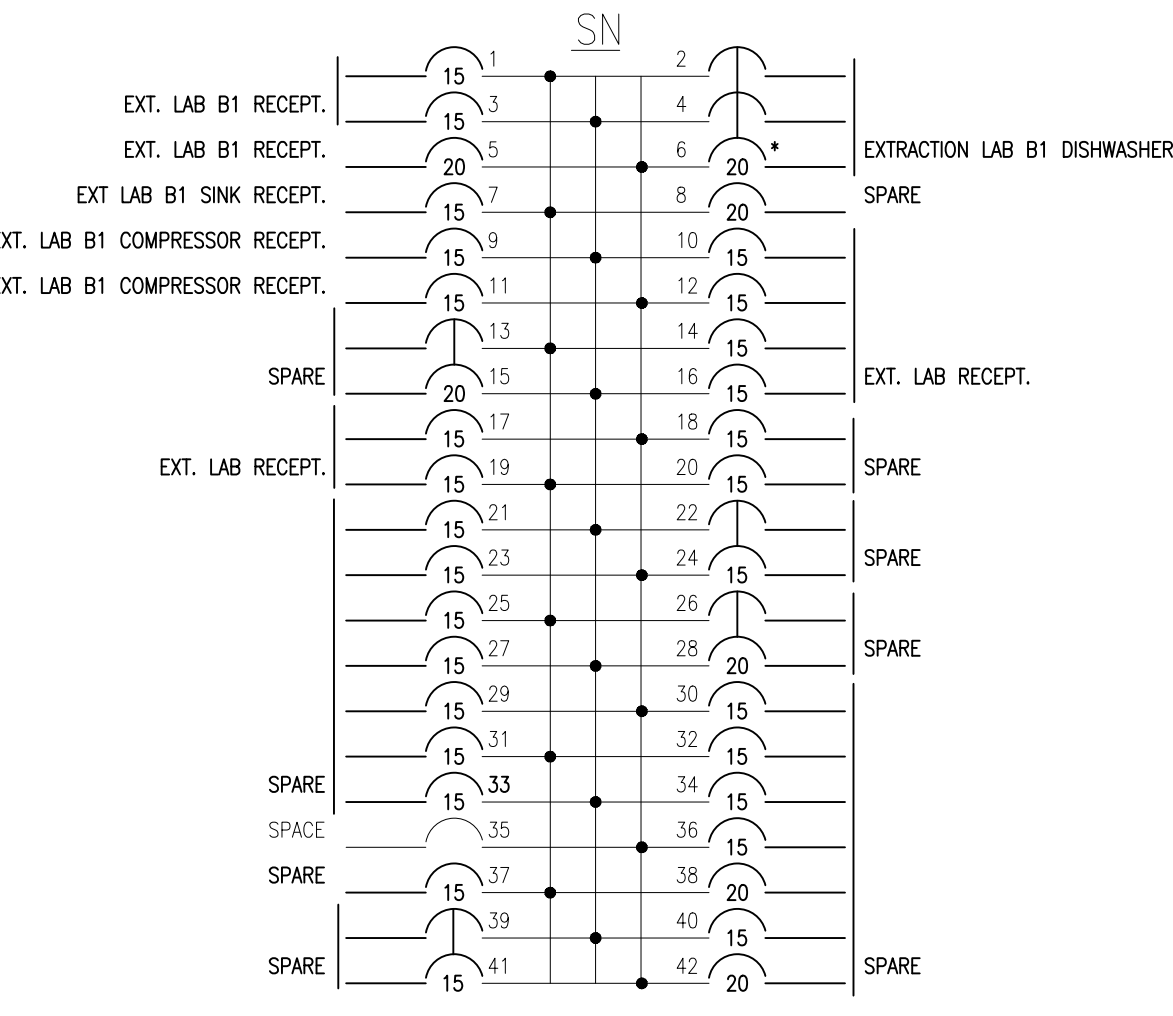
VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

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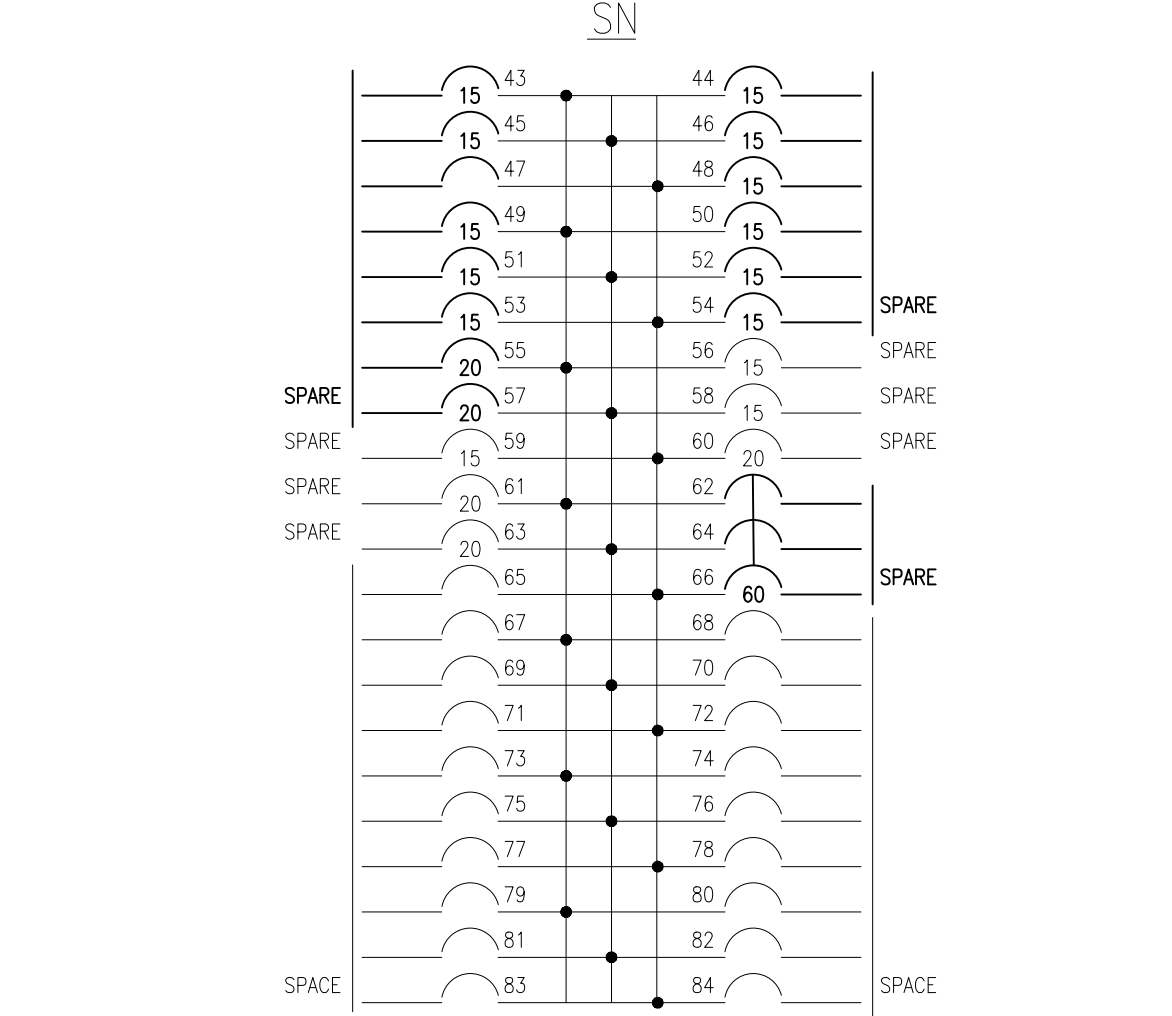
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PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

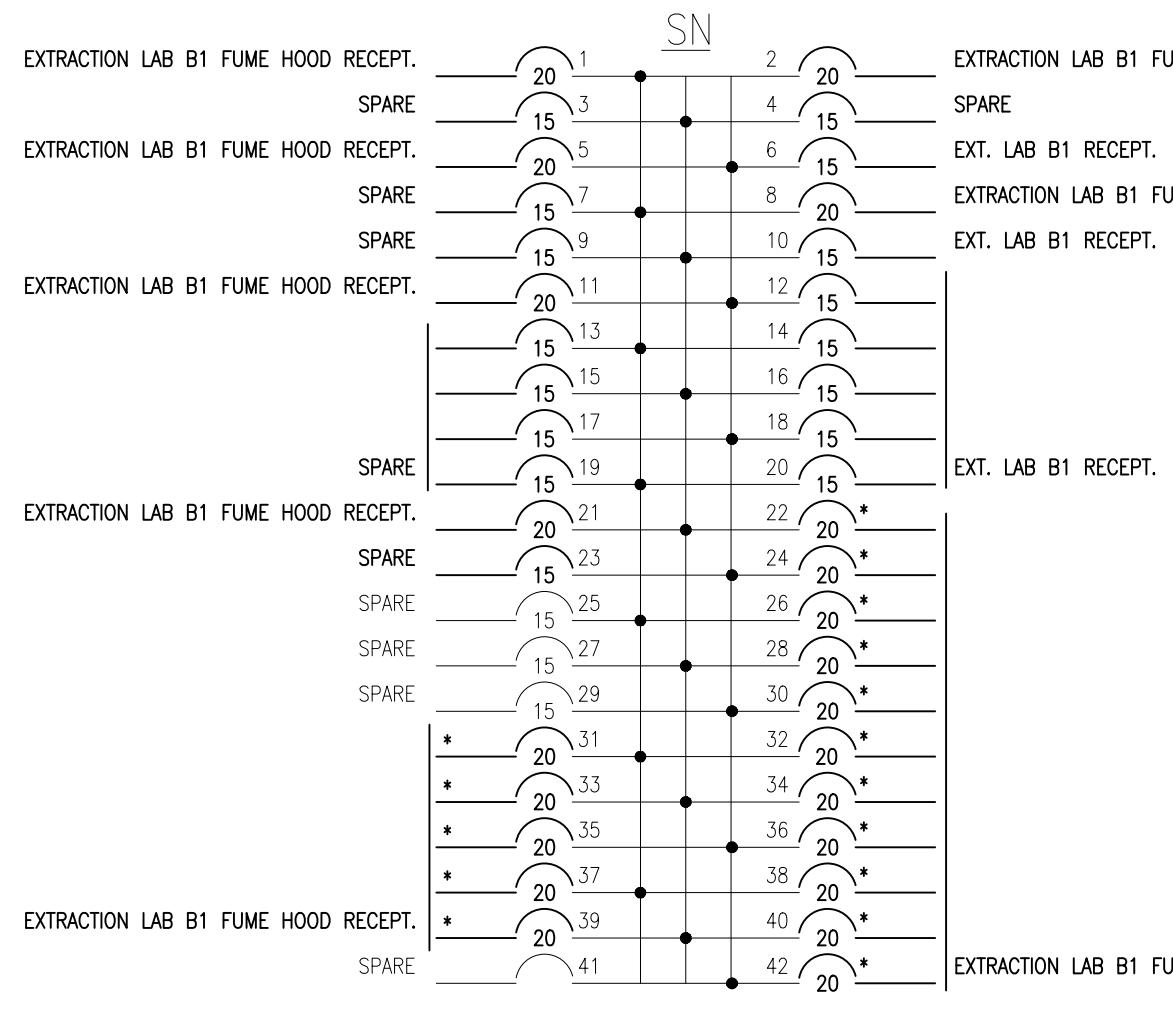
EXISTING PANEL 132NPJ

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



EXISTING PANEL 132EPG

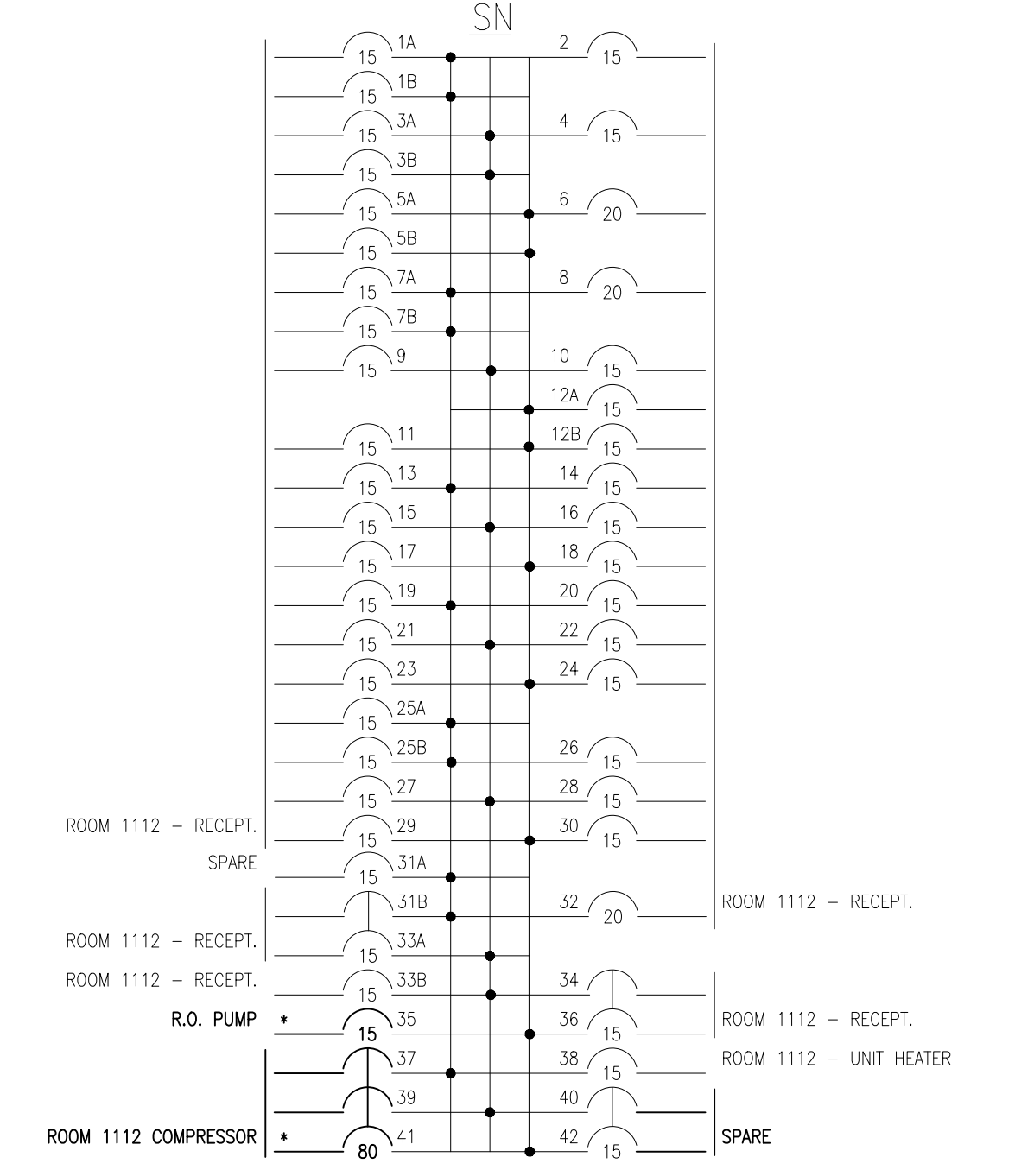
VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING

EXISTING PANEL 112NPD

VOLTAGE 120/208V
PHASE 3ø
WIRE 4w
RATING AMPS 225A
TRIM RECESSED



* PROVIDE NEW BREAKER TO MATCH EXISTING