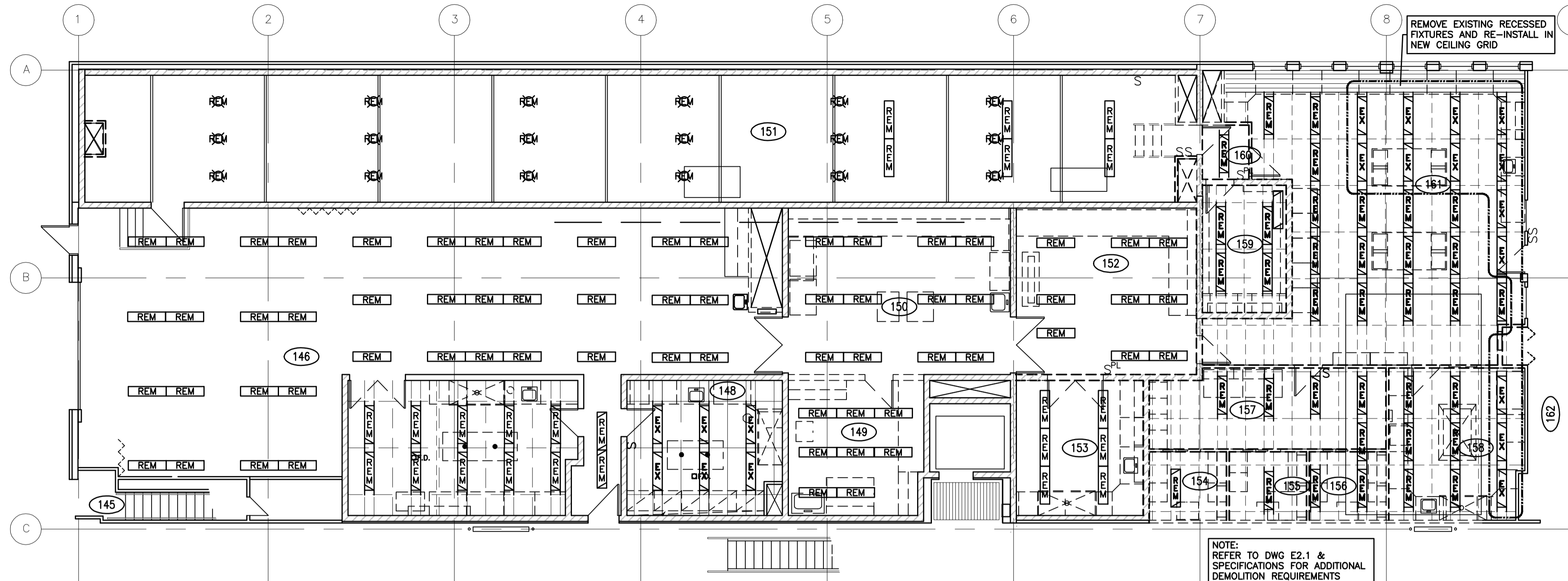
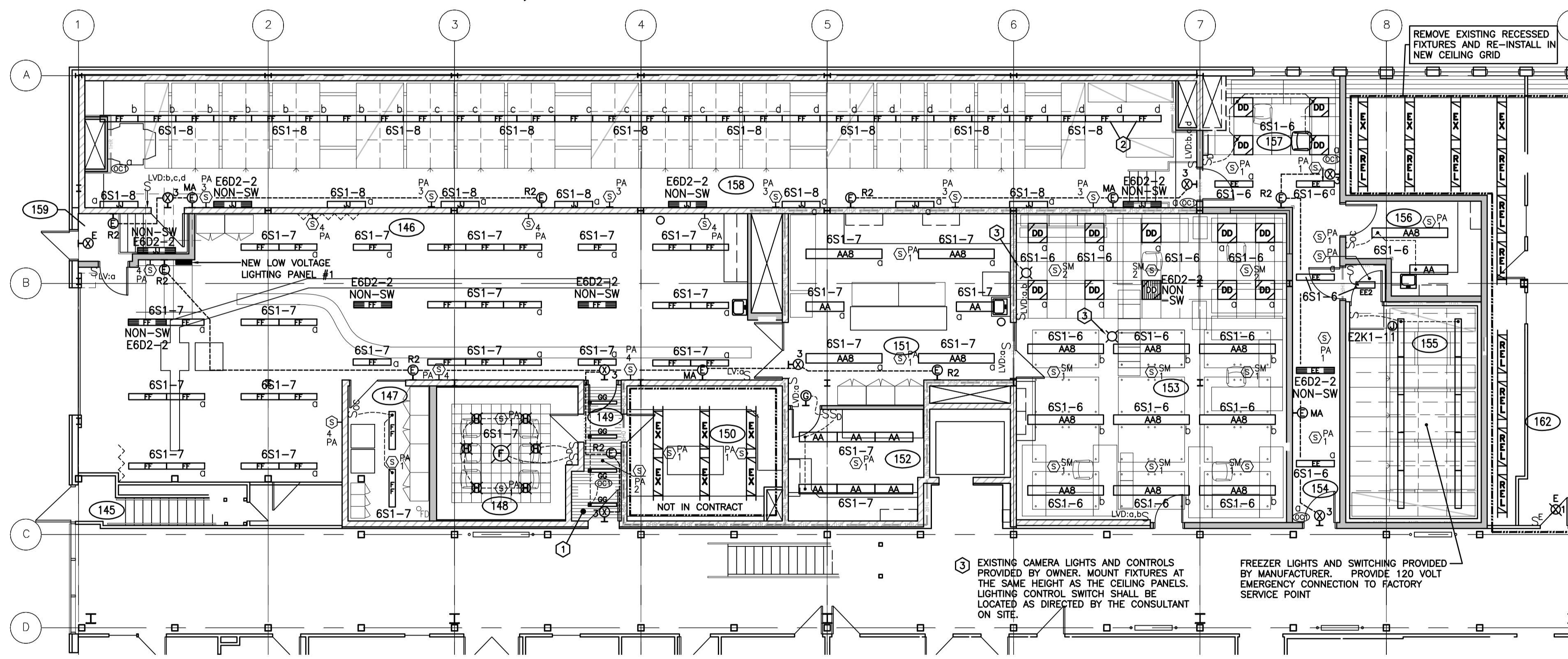


SYMBOL SCHEDULE

- ⊕ JUNCTION BOX/OUTLET BOX.
- ☉ CEILING/WALL SURFACE MOUNTED LIGHT FIXTURE.
- ⊙ RECESSED CEILING MOUNTED LIGHT FIXTURE
- ▭ SURFACE MOUNTED OR SUSPENDED LIGHT FIXTURE.
- ▭ RECESSED LIGHT FIXTURE.
- ▭ FIXTURES SHOWN SHADED DESIGNATE UNIT IS CONNECTED TO EMERGENCY POWER DISTRIBUTION, SUFFIX 'NON-SW' NON-SWITCHED.
- EX SUFFIX 'EX' DENOTES EXISTING FIXTURE TO REMAIN, & 'REM' DENOTES EXISTING FIXTURE REMOVED AND DISPOSED - REMOVE WIRING BACK TO NEAREST JUNCTION BOX IN CEILING SPACE. 'REL' DENOTES EXISTING FIXTURE RELOCATED TO THIS LOCATION.
- REM
- REL
- ⊕ EMERGENCY LIGHTING BATTERY UNIT. SEE EMERGENCY LIGHTING SPECIFICATIONS FOR DETAILS.
- ⊕ ELECTRICAL DISTRIBUTION PANEL, SURFACE/RECESSED.
- ⊕ MOTOR CONNECTION. COORDINATE FINAL LOCATION ON SITE. 'STP' DESIGNATES MOTOR THERMAL SWITCH MOUNTED AT UNIT.
- ⊕ MOULDED CASE TYPE CIRCUIT BREAKER, 15 AMP UNLESS OTHERWISE NOTED.
- ⊕ MOTOR DISCONNECT SWITCH, SUFFIX 'WP' INDICATES WEATHERPROOF.
- S S.P.S.T. SWITCH MOUNTED UP 1200mm. SUFFIX 'F' FOR FAN CONTROL.
- 3S THREE-WAY SWITCH MOUNTED UP 1200mm.
- 4S DIMMER SWITCH MOUNTED UP 1200mm, DIMMER SHALL BE SIZED ACCORDING TO LOAD AND SUITABLE FOR 'LED'.
- LVD S LOW VOLTAGE DIMMER SWITCH CONNECTED TO THE LOW VOLTAGE LIGHT CONTROL SYSTEM MOUNTED UP 1200mm.
- LVM S LOW VOLTAGE MASTER SWITCH CONNECTED TO THE LOW VOLTAGE LIGHT CONTROL SYSTEM MOUNTED UP 1200mm. SWITCH SHALL PROVIDE OVERRIDE-OFF CAPABILITY FOR LIGHTING CIRCUITS CONTROLLED BY PHOTOCELL CONTROL SENSORS.
- OC S WALL MOUNTED OCCUPANCY/VACANCY SENSOR UP 1200mm AS DESCRIBED ON DRAWINGS AND SPECIFICATIONS.
- OCX CEILING MOUNTED OCCUPANCY SENSOR. SUFFIX INDICATES SENSOR TYPE. MOUNT ON WALL WHERE SUFFIXED 'w'. REFER TO SPECIFICATIONS.
- PC CEILING MOUNTED PHOTOCELL CONTROL SENSOR. MOUNT AS DIRECTED BY MANUFACTURER. ALL PHOTOCELL CONTROL SHALL BE CONTINUOUS DIMMING, SUFFIX INDICATES CIRCUIT OF CONTROL. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
- PA FIRE ALARM PRE-ACTION SPRINKLER SYSTEM MANUAL DUMP STATION MOUNTED UP 1500 mm. REFER TO SPECIFICATIONS.
- PA FIRE ALARM PRE-ACTION SPRINKLER SYSTEM CHIME MOUNTED UP 2100 mm. REFER TO SPECIFICATIONS.
- PA FIRE ALARM SIGNAL DEVICE (HORN/STROBE) SURFACE WALL MOUNTED UP 2290mm A.F.F.
- PA FIRE ALARM SIGNAL DEVICE SURFACE WALL MOUNTED UP 2290 A.F.F. SUBSCRIPT 'S' DENOTES SPEAKER AND SUBSCRIPT 'ST' DENOTES SPEAKER/STROBE.
- PA FIRE ALARM SIGNAL DEVICE CEILING MOUNTED. SUBSCRIPT 'S' DENOTES SPEAKER AND SUBSCRIPT 'ST' DENOTES SPEAKER/STROBE.
- RM FIRE ALARM CONTROL/RELAY MODULE
- MM FIRE ALARM MONITOR MODULE
- ⊕ FIRE ALARM SYSTEM COMBINATION TYPE SMOKE DETECTOR CEILING MOUNTED.
- ⊕ DUPLEX GROUNDED RECEPTACLE OUTLETS WITH NO SUFFIX SHALL BE MOUNTED UP 450mm. WHERE SUFFIXED, MOUNT AS FOLLOWS: 'a' - 250mm. ABOVE COUNTER; 'b' - UP 900mm.; 'f' FRIDGE RECEPTACLE UP 450mm; 'hk' 20A RECEPTACLE UP 450mm FOR HOUSE KEEPING; 'm' MICROWAVE RECEPTACLE UP 250mm ABOVE MICROWAVE SHELF. COORDINATE WITH ARCHITECTURE MILLWORK FOR EXACT LOCATION.
- ⊕ DUPLEX GROUNDED RECEPTACLE, SPLIT WIRED, PROTECTED BY TWO POLE BREAKER AT PANEL. SEE DRAWINGS FOR MOUNTING HEIGHT.
- 20A ⊕ DUPLEX GROUNDED RECEPTACLE, 20 AMP NEMA 5-20R T-SLOT MOUNTED UP 450 mm OR AS NOTED.
- ⊕ DUPLEX GROUNDED RECEPTACLE MOUNTED UP 450mm FED FROM EMERGENCY POWER SUPPLY. BODY OF RECEPTACLE SHALL BE IMPREGNATED 'RED' COLOUR.
- 1D/1V DATA/VOICE OUTLET MOUNTED UP 450 mm OR AS NOTED. 100 mm. SQUARE BOX C/W SINGLE GANG EXTENSION AND 27 mm CONDUIT. UP TO AREA CONDUIT OR CABLE TRAY IN ACCESSIBLE CEILING. SUFFIX '1D' INDICATES ONE DATA JACK, '1V' INDICATES ONE VOICE JACK, '2D' INDICATES TWO DATA JACKS, ETC. UNLESS NOTED OTHERWISE, DATA AND VOICE CABLES SHALL BE RUN TO NEW PATCH PANELS IN ROOM 003 IN BASEMENT.
- PP PAC POLE - POWER AND COMMUNICATIONS UTILITY POLE, 125MM X 125MM, 3200MM HIGH, C/W BARRIER FOR POWER & COMMUNICATIONS ANODIZED ALUMINUM. PAC POLE SHALL BE USED TO FEED SYSTEM FURNITURE - REFER TO SYSTEM FURNITURE RACEWAY DETAIL. PAC POLE SHALL BE PAINTED WITH CUSTOM COLOUR SPECIFIED BY ARCHITECT. WIREMOLD NP800 SERIES OR APPROVED EQUAL.
- VP SURFACE VERTICAL RACEWAY, FLOOR TO CEILING, MOUNTED ALONG WALL TO FEED SYSTEM FURNITURE. STEEL CONSTRUCTION, CUSTOM PAINT COLOUR. REFER ALSO TO SYSTEM FURNITURE RACEWAY DETAIL WIREMOLD DS4000 OR APPROVED EQUAL.
- ⊕ PUBLIC ADDRESS/SOUND MASKING SPEAKERS. # SUBSCRIPT DENOTES SPEAKER TYPE, REFER TO SPECIFICATIONS FOR FURTHER DETAILS. 'PA' DENOTES PUBLIC ADDRESS ONLY AND 'SM' SUBSCRIPT DENOTES COMBINATION PUBLIC ADDRESS AND SOUND MASKING. REFER TO DETAIL DRAWINGS FOR FURTHER INFORMATION.



1 LIGHTING DEMOLITION PLAN - MAIN FLOOR
E1.1 1:100



2 MAIN FLOOR LIGHTING PLAN
E1.1 1:100

SYMBOL SCHEDULE CONTINUED

- ⊕ TERMINATION POINT OF EXISTING COMMUNICATIONS AREA DISTRIBUTION CONDUIT. CONDUIT LENGTH SHALL BE ADJUSTED TO TERMINATE 305 mm FROM EDGE OF NEW CABLE TRAY.
- ⊕ NEW COMMUNICATION AREA DISTRIBUTION CONDUIT. RUN 53mm CONDUIT DOWN TO ROOM 003.
- ⊕ NOTE: SUFFIX 'CLG' DENOTES DEVICE IS CEILING MOUNTED. SUFFIX 'E' DENOTES DEVICE IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- ⊕ PROVIDE (8) DATA JACKS IN TWO 100 mm SQUARE BOXES WITH SINGLE GANG EXTENSION RING. FROM EACH BOX RUN A 27 mm CONDUIT TO CABLE TRAY OR AREA CONDUIT IN ACCESSIBLE CEILING SPACE.
- ⊕ (5) DATA CABLES SHALL TERMINATE IN A NEW PATCH PANEL IN NEW DATA RACK 'D' WITHIN ROOM 213 ON 2ND FLOOR. DATA CABLES SHALL BE WHITE.
- ⊕ (3) DATA CABLES SHALL TERMINATE IN NEW PATCH PANEL IN EXISTING DATA RACKS IN ROOM 003 IN BASEMENT. DATA CABLES SHALL BE BLUE.

SYMBOL SCHEDULE CONTINUED

- ⊕ PROVIDE (8) DATA JACKS TERMINATED IN TWO 100 mm SQUARE BOXES WITH SINGLE GANG EXTENSION RING. FROM EACH BOX RUN A 27 mm CONDUIT TO CABLE TRAY OR AREA CONDUIT IN ACCESSIBLE CEILING SPACE.
- ⊕ (4) DATA CABLES SHALL TERMINATE IN A NEW PATCH PANEL IN NEW DATA RACK 'D' WITHIN ROOM 213 ON 2ND FLOOR. DATA CABLES SHALL BE WHITE.
- ⊕ (4) DATA CABLES SHALL TERMINATE IN NEW PATCH PANEL IN EXISTING DATA RACKS IN ROOM 003 IN BASEMENT. DATA CABLES SHALL BE BLUE.
- ⊕ PROVIDE (4) DATA JACKS TERMINATED IN A 100 mm SQUARE BOX WITH SINGLE GANG EXTENSION RING. FROM EACH BOX RUN A 27 mm CONDUIT TO CABLE TRAY OR AREA CONDUIT IN ACCESSIBLE CEILING SPACE.
- ⊕ (2) DATA CABLES SHALL TERMINATE IN A NEW PATCH PANEL IN NEW DATA RACK 'D' WITHIN ROOM 213 ON 2ND FLOOR. DATA CABLES SHALL BE WHITE.
- ⊕ (2) DATA CABLES SHALL TERMINATE IN A NEW PATCH PANEL IN EXISTING DATA RACKS IN ROOM 003 IN BASEMENT. DATA CABLES SHALL BE BLUE.

SYMBOL SCHEDULE CONTINUED

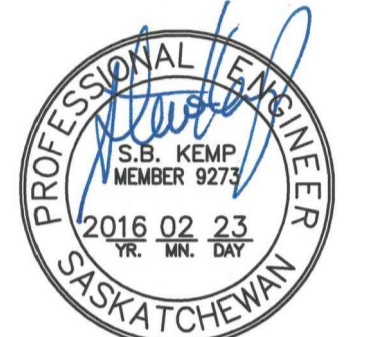
- ⊕ PROVIDE (4) DATA JACKS TERMINATED IN TWO 100 mm SQUARE BOXES WITH SINGLE GANG EXTENSION RING. FROM EACH BOX RUN A 27 mm CONDUIT TO CABLE TRAY OR AREA CONDUIT IN ACCESSIBLE CEILING SPACE.
- ⊕ (3) DATA CABLES SHALL TERMINATE IN A NEW PATCH PANEL IN NEW DATA RACK 'D' WITHIN ROOM 213 ON 2ND FLOOR. DATA CABLES SHALL BE WHITE.
- ⊕ (1) DATA CABLE SHALL TERMINATE IN A NEW PATCH PANEL IN EXISTING DATA RACKS IN ROOM 003 IN BASEMENT. DATA CABLES SHALL BE BLUE.

LIGHTING NOTES

- ① ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- ② THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.

SEPW Architecture Inc.
100-3725 Prowse Street, Regina, SK S4S 0R8 ph: (306) 569-2255
102-3718 Kinross Place, Saskatoon, SK S7P 0A6 ph: (306) 569-4457
www.sepw.ca

Ritenburg & Associates Ltd.
Consulting Electrical Engineers
200-2222 Albert Street, Regina, SK S4P 2V2
P. (306) 568-1303 F. (306) 569-1307
Email: rait@ritenburg.com



ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.
NUMBER 52

DISCIPLINE	SASK. REG. No.	SIGNATURE
ELECTRICAL	9273	<i>[Signature]</i>

DO NOT SCALE DRAWINGS

0	ISSUED FOR TENDER	214-0411
Revision/Revision	Description/Description	Date/Date
Client/client		

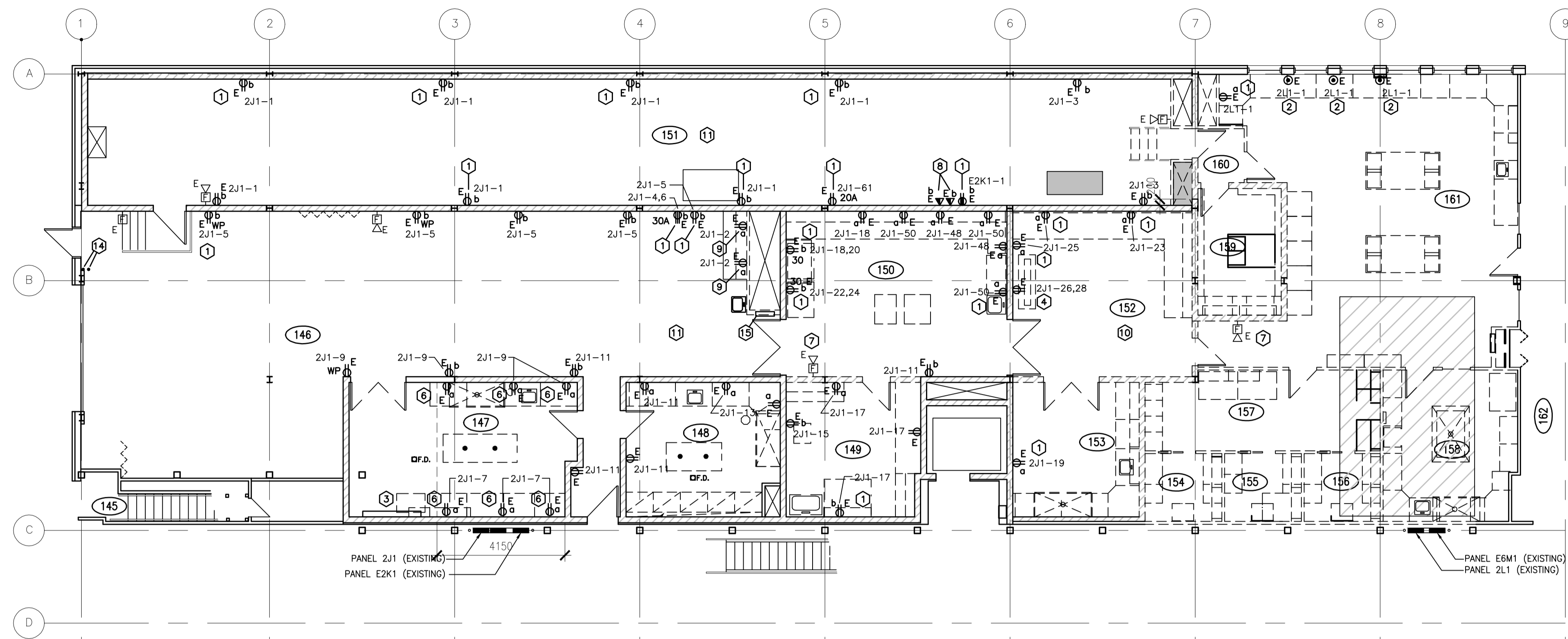
**INTERIOR FIT-UP
REGINA, SASKATCHEWAN**

Approved by/Approve par
Designed by/Concept par
KAD
Drawn by/Dessine par
KAD
Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie
Client/client

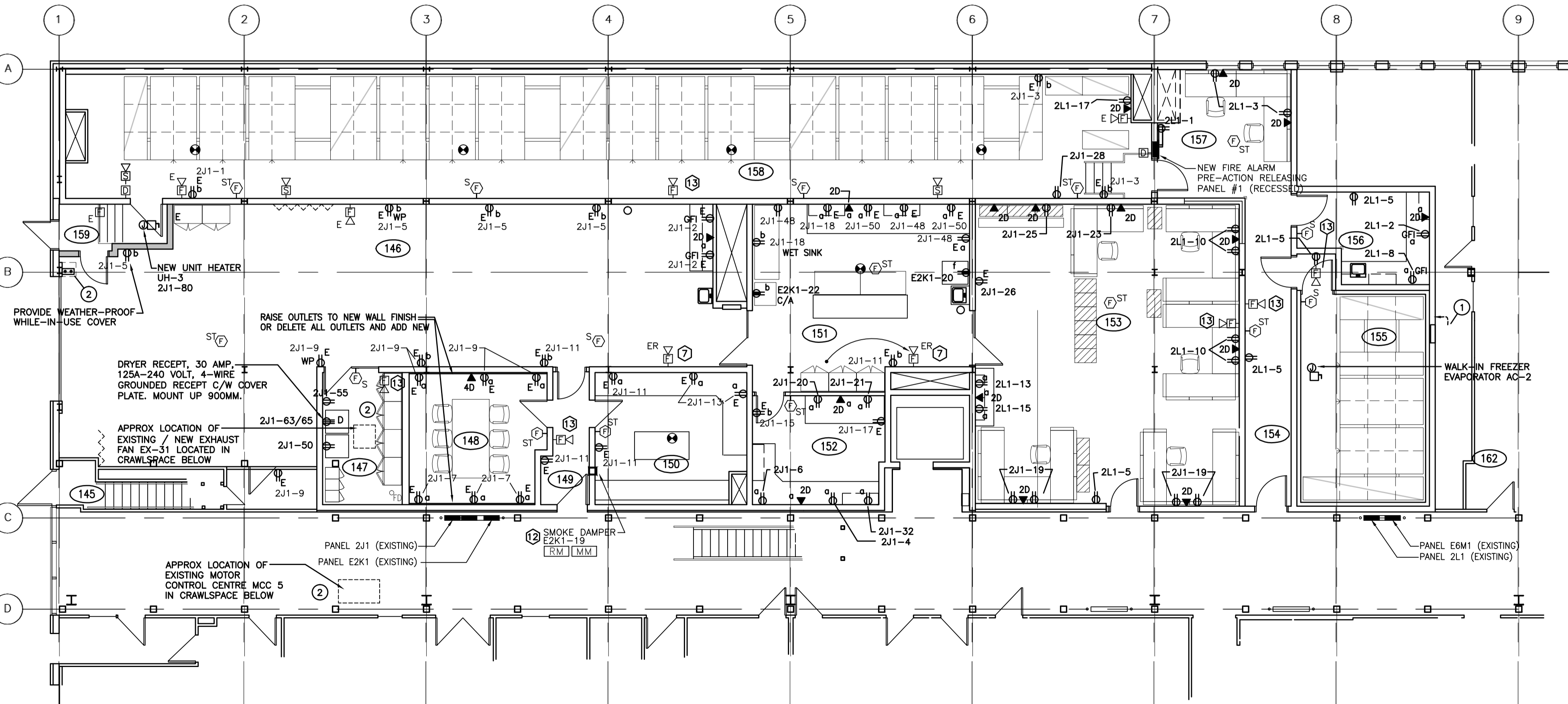
**MAIN FLOOR
LIGHTING DEMOLITION PLAN
NEW LIGHTING PLAN &
SYMBOL SCHEDULE**

Project No./No. du projet	Sheet/Feuille	Revision no./ Le Révision no.
13/2015	E1.1	0



1 POWER AND SYSTEMS DEMOLITION PLAN - MAIN FLOOR
E2.1 1:100

THE NEW BRANCH CIRCUIT NUMBERS SHOWN FOR LIGHTING AND POWER ARE FOR REFERENCE ONLY TO INDICATE QUANTITIES AND FOR CIRCUIT GROUPING. CONTRACTOR SHALL VERIFY EXACT CIRCUIT NUMBERS AVAILABLE FROM BRANCH CIRCUITRY MADE AVAILABLE FROM THE DEMOLITION OF EXISTING DEVICES AND EXISTING CEILING GRID DISTRIBUTION. PROVIDE ACTUAL CIRCUIT NUMBERS ON AS-BUILT DRAWINGS AND UPDATE PANEL DIRECTORIES.



2 POWER AND SYSTEMS PLAN - MAIN FLOOR
E2.1 1:100

MAIN FLOOR POWER AND SYSTEMS DEMOLITION NOTES

- 1 REMOVE EXISTING DEVICE AND ASSOCIATED WIRING BACK TO THE NEAREST AREA JUNCTION BOX IN THE CEILING SPACE. PROVIDE A BLANK STAINLESS STEEL COVER. RETAIN EXISTING DISTRIBUTION FOR BRANCH CIRCUITRY IN CEILING SPACE FOR NEW BRANCH CIRCUIT.
- 2 REMOVE EXISTING FLOOR BOX AND ASSOCIATED WIRING BACK TO THE NEAREST JUNCTION BOX IN THE CRAWLSPACE BELOW. REMOVE CONDUIT AND PATCH FLOOR WITH CONCRETE.
- 3 REMOVE EXISTING SPLITTER AND DISCONNECT SWITCHES AND ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE. CUT CONDUIT FLUSH WITH FLOOR AND SEAL WITH CONCRETE.
- 4 RE-CONNECT EXISTING RECEPTACLE TO 120 VOLT CIRCUIT 2J1-26 AND MAKE 2J1-28 SPARE.
- 5 WHERE EXISTING WALLS SHOWN AS DASHED ARE BEING DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL INCLUDING OUTLET BOXES, CONDUIT AND ASSOCIATED CONDUCTORS AND CABLES BACK TO THE SOURCE. REPAIR ALL FLOOR AND CEILING PENETRATIONS WITH CONCRETE SEAL. REFER ALSO TO ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION.
- 6 REPLACE EXISTING DEVICE WITH NEW DEVICE AND INSTALL EXTENSION RING TO RAISE OUTLET BOX TO NEW WALL FINISH.
- 7 RELOCATE EXISTING FIRE ALARM SIGNAL DEVICE AS SHOWN WITH SUFFIX 'ER' AND RECONNECT TO EXISTING SIGNAL CIRCUIT.
- 8 REMOVE EXISTING DEVICE AND ASSOCIATED CABLES BACK TO THE SOURCE. PROVIDE A BLANK STAINLESS STEEL COVER.
- 9 REPLACE EXISTING DEVICE WITH NEW GFCI RECEPTACLE.
- 10 ALL EXISTING WIRELESS DATA COMMUNICATION (WI-FI) CABLING & EQUIPMENT SHALL REMAIN.
- 11 THE AREA WITHIN THE MAIN FLOOR RENOVATION WILL INVOLVE LEAD ABATEMENT WORK AS PART OF THIS PROJECT. REFER TO SPECIFICATIONS SECTION 01 11 00 FOR THE SUMMARY OF WORK AND ROOMS AFFECTED.

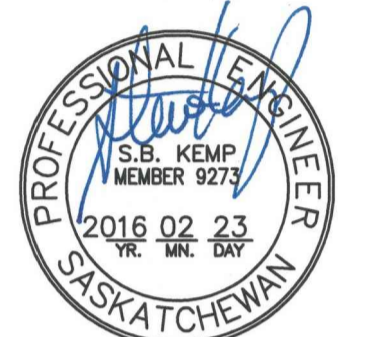
THE LEAD ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING EXISTING LIGHT FIXTURES IN THE ROOMS NOTED IN SECTION 01 11 00 PRIOR TO THEIR REMOVAL AS PART OF THE DEMOLITION. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE REQUIRED WORK WITH THE GENERAL CONTRACTOR AND LEAD ABATEMENT CONTRACTOR, AND SHALL DISCONNECT ALL EXISTING BRANCH CIRCUITRY TO THESE AREAS PRIOR TO THE LEAD ABATEMENT WORK.
- 12 SMOKE DAMPER SHALL BE CONTROLLED BY THE FIRE ALARM SYSTEM. PROVIDE A NEW FIRE ALARM CONTROL RELAY MODULE AT OR NEAR THE SMOKE DAMPER TO OPERATE THE DAMPER. PROVIDE A 120 VOLT EMERGENCY POWER CONNECTION TO THE SMOKE DAMPER'S ELECTRIC ACTUATOR. PROVIDE A FIRE ALARM MONITOR MODULE FOR THE SMOKE DAMPER TO MONITOR THE OPEN/CLOSE STATUS OF THE END SWITCH PROVIDED WITH THE EXTERNAL CONTACTS. CONFIRM LOCATION WITH MECHANICAL CONTRACTOR.
- 13 PROVIDE NEW FIRE ALARM SIGNAL DEVICE & CONNECT INTO EXISTING SIGNAL CIRCUIT.
- 14 RELOCATE EXISTING OVERHEAD DOOR PUSHBUTTONS & OVERHEAD WIRELESS REMOTE ANTENNA.
- 15 EXISTING PANEL SHALL REMAIN.

POWER AND SYSTEMS KEYNOTES

- 1 RELOCATE EXISTING TYPE 1 TELEPHONE CABINET TO THIS LOCATION - RECESS INTO NEW PARTITION WALL. EXISTING CONDUITS EXITING TOP & BOTTOM OF PANEL SHALL BE RELOCATED TO NEW PANEL LOCATION.
- 2 EXISTING EXHAUST FAN EX-31 (15 HP, 600 VOLT-3 PH.) IN CRAWLSPACE IS BEING REMOVED AND REPLACED WITH A NEW 3 HP, 600 VOLT, 3 PHASE EXHAUST FAN ALSO LABELED EX-31. DISCONNECT POWER TO EXISTING FAN TO ALLOW FOR REMOVAL. RECONNECT EXISTING FEEDER TO NEW EX-31, AND REVISE FUSE IN EXISTING VFD IN MOTOR CONTROL CENTRE MCC 5 AS NOTED IN MECHANICAL EQUIPMENT SCHEDULE. NOTE THAT EXISTING FAN MAY BE LABELED AS EF-31.
- 3 RELOCATE EXISTING OVERHEAD DOOR PUSHBUTTON CONTROLS & WIRELESS ANTENNA TO ALIGN DIRECTLY BELOW OVERHEAD DOOR MOTOR.

GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.



PERMISSION TO CONSULT HELD BY:
DISCIPLINE: ELECTRICAL SASK. REG. NO. 9273 SIGNATURE: [Signature]
ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.
NUMBER 52

DO NOT SCALE DRAWINGS

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-04-11

INTERIOR FIT-UP
REGINA, SASKATCHEWAN

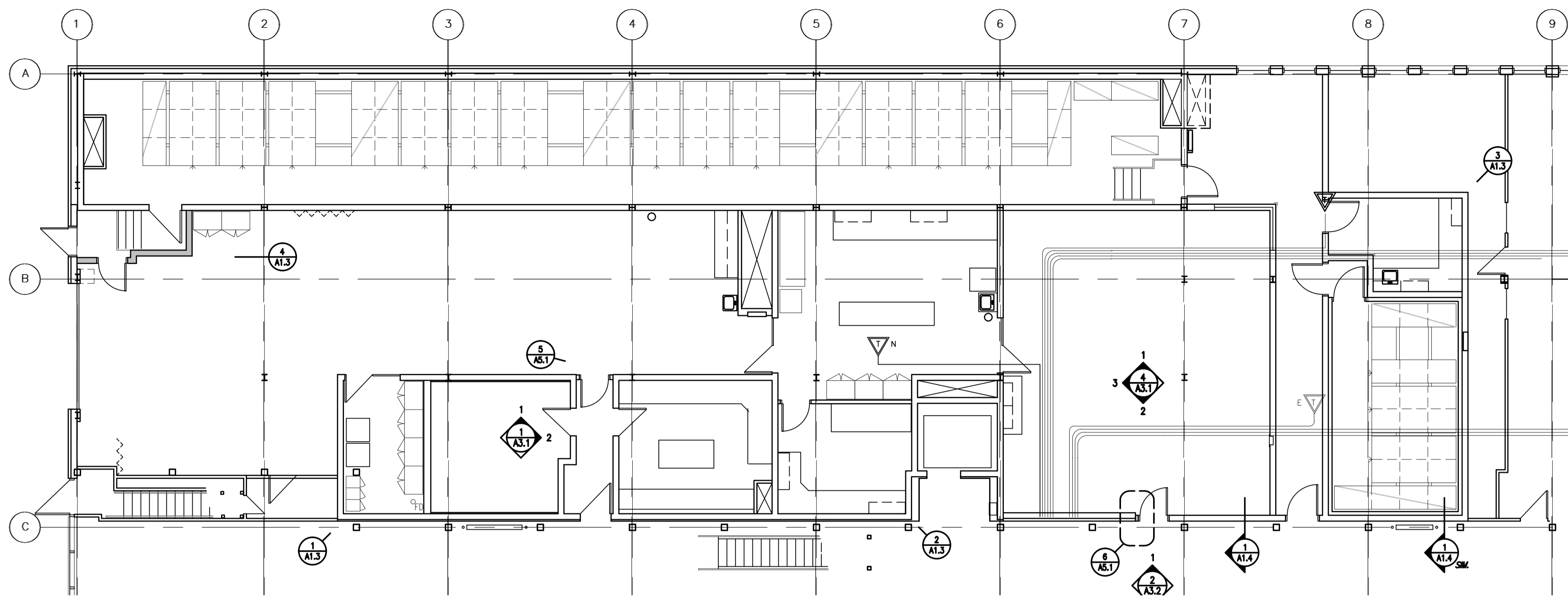
Approved by/Approve par: [Signature]
Designed by/Concept par: KAD
Drawn by/Dessine par: KAD
Project Manager/Administrateur de Projets: [Signature]
Architectural and Engineering Resources Manager/ Ressources Architecturales et de Directeur d'ingénierie: [Signature]
Client/client: [Signature]

MAIN FLOOR
POWER & SYSTEM DEMOLITION PLAN

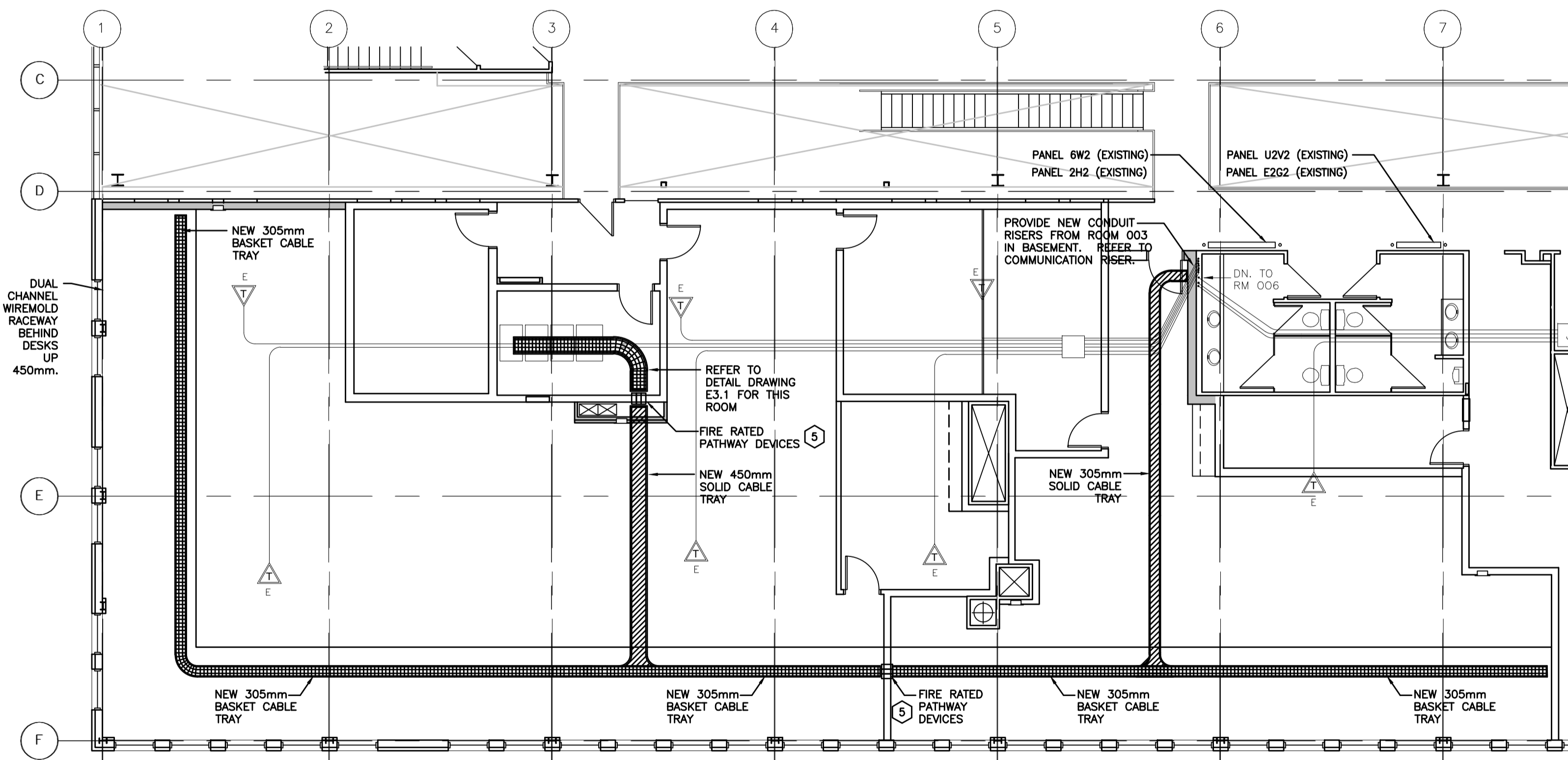
MAIN FLOOR NEW
POWER & SYSTEM PLAN

Project No./No. du projet: 13/2015	Sheet/Feuille: E2.1	Revision no./Le Révision no.: 0
------------------------------------	---------------------	---------------------------------

DRAWING AUTHOR: [Signature] AM
FILE NAME: 1310_E2.1-02.dwg
DATE: 2016-04-11

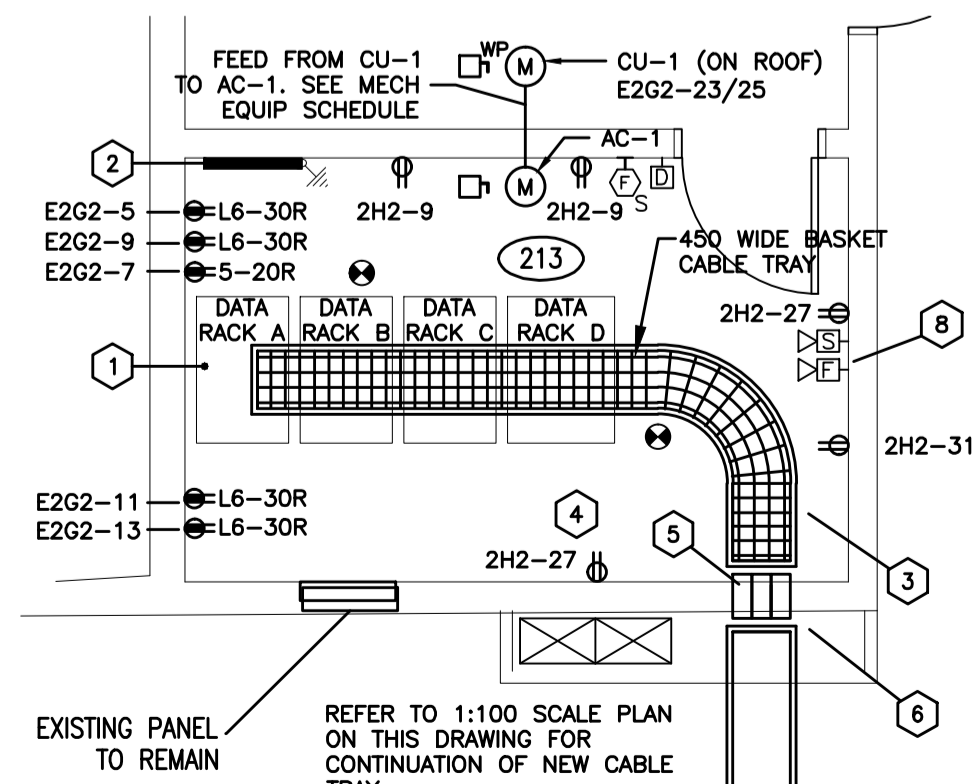


1 MAIN FLOOR COMMUNICATIONS
E3.1 1:100

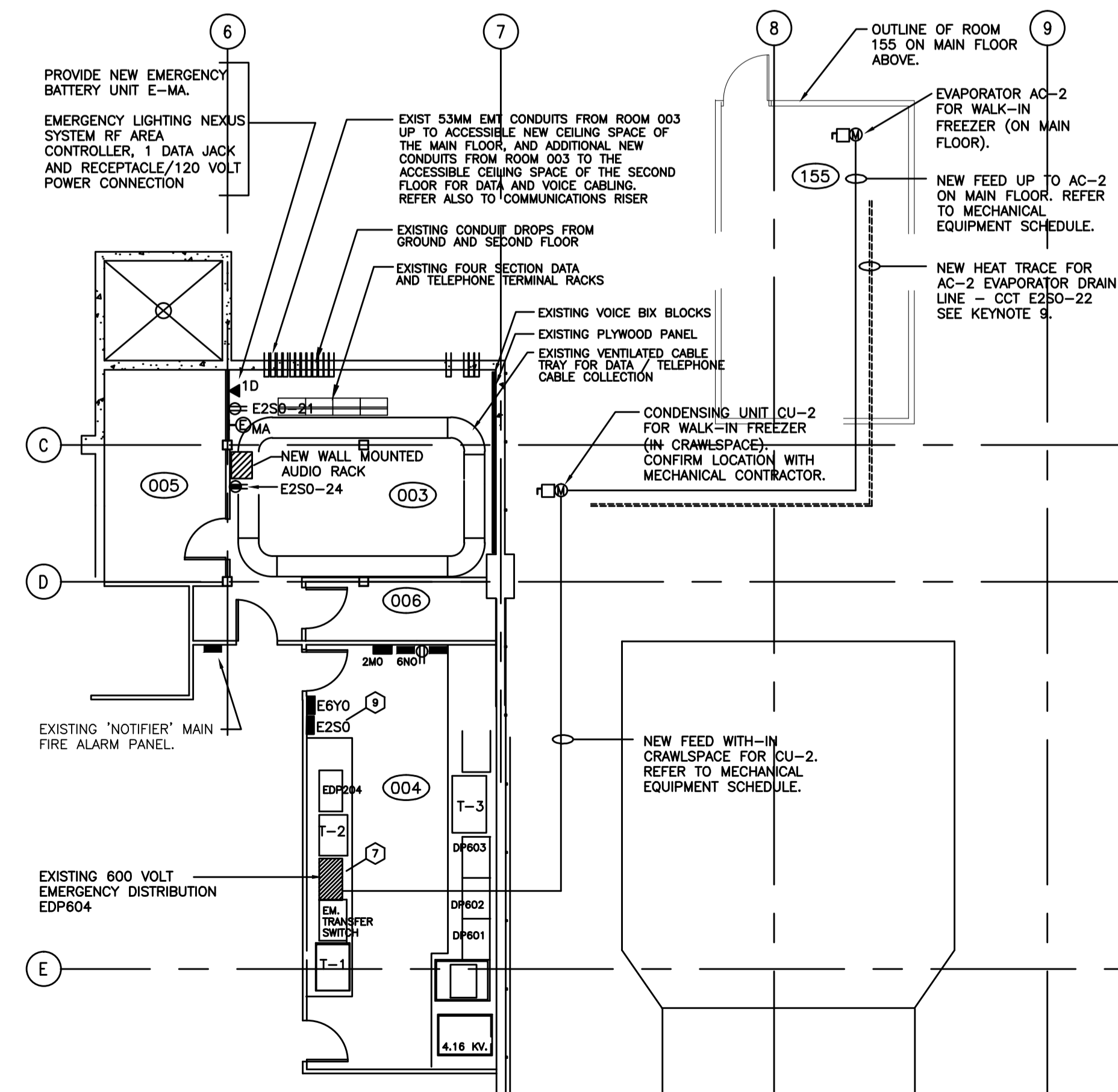


2 SECOND FLOOR COMMUNICATIONS
E3.1 1:100

DENOTES SOLID CABLE TRAY
 DENOTES BASKET CABLE TRAY



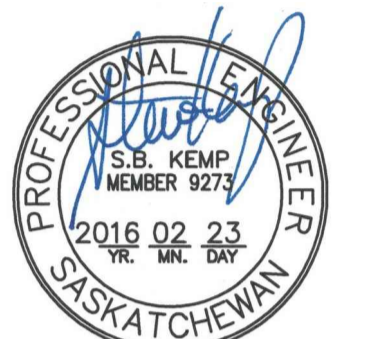
3 ROOM 213 PLAN
E3.1 1:50



4 PARTIAL BASEMENT PLAN - ROOM 003
E3.1 1:100

KEYNOTES

- 1 PROVIDE DATA RACKS - REFER TO SPECIFICATIONS
DATA RACK A - CABINET STYLE RACK (OWNER SUPPLIED)
DATA RACK B - CABINET STYLE RACK (OWNER SUPPLIED)
DATA RACK C - CABINET STYLE RACK (OWNER SUPPLIED)
DATA RACK D - 2 POST OPEN STYLE RACK
- 2 PROVIDE A COPPER BUS BAR & RUN A #6 INSULATED COPPER GROUND CONDUCTOR TO EXISTING BUILDING GROUND CONDUCTOR. RUN #6 INSULATED COPPER BOND CONDUCTOR FROM BUS BAR TO EACH DATA RACK AND CABLE TRAY.
- 3 CABLE TRAY SHALL BE PROVIDED WITH WATERFALL DROPOUT KITS FOR EACH DATA RACK.
- 4 ROOM 213 IS BEING PROVIDED WITH DISSIPATIVE TILE FLOORING. THE SUPPLIER/INSTALLER WILL BE PROVIDING COPPER STRIPS BELOW THE TILES. THE ELECTRICAL CONTRACTOR SHALL CONNECT A #12 AWG INSULATED COPPER BOND CONDUCTOR FROM THE COPPER STRIPS TO THE COPPER BUS BAR.
- 5 PROVIDE FIRE RATED PATHWAY DEVICES IN NEW FIRE RATED WALL. THREE FIRE RATED PATHWAYS SHALL BE INSTALLED AT THE SAME ELEVATION OF NEW CABLE TRAY FOR INSTALLATION OF DATA AND COMMUNICATION CABLES. PATHWAY DEVICES SHALL BE SQUARE PROFILE, 102mm X 118mm X 356mm LONG, PROVIDE A MINIMUM FIRE RATING OF 4 HOURS, BE MANUFACTURED OF HEAVY GAUGE GALVANIZED STEEL WITH INTUMESCENT MATERIAL FOR RAPID EXPANSION WHEN EXPOSED TO FIRE OR HIGH TEMPERATURES. MULTIPLE DEVICES SHALL BE MOUNTED HORIZONTALLY IN LINE USING MANUFACTURED WALL PLATES, AND ALL PENETRATIONS AROUND THE PERIMETER OF THE DEVICES SHALL BE FIRESTOPPED. FIRE RATED PATHWAY DEVICES SHALL BE STI EZ-PATH SERIES 44+ OR APPROVED EQUAL.
- 6 CABLE TRAY SHALL BE STOPPED SHORT WITHIN 100mm OF FIRE RATED PATHWAYS ON BOTH SIDES OF WALL.
- 7 PROVIDE A NEW BREAKER IN EXISTING EMERGENCY 600 VOLT DISTRIBUTION EDP604 FOR CONDENSING UNIT CU-2. REFER ALSO TO MECHANICAL EQUIPMENT SCHEDULE. SHUT-DOWNS SHALL OCCUR AFTER NORMAL BUILDING OPERATING HOURS AND WEEKENDS - SCHEDULE WITH OWNER.
- 8 PROVIDE NEW FIRE ALARM DEVICE & CONNECT INTO A NEW SIGNAL CIRCUIT FED FROM NEW FIRE ALARM PRE-ACTION RELEASING PANEL #2.
- 9 PROVIDE SELF-REGULATING HEAT TRACE CABLE FOR PIPE FREEZE PROTECTION FOR EVAPORATOR AC-2 DRAIN LINE IN CRAWLSPACE. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR. TOTAL LENGTH OF DRAIN LINE TO BE HEAT TRACED SHALL BE 2 METERS. HEAT TRACE SHALL BE OVERLAPPED - TOTAL LENGTH OF HEAT TRACE IS APPROXIMATELY 5 METERS. HEAT TRACE CABLE SHALL MINIMUM 33 WATTS/METER AT 10 DEGREES CELSIUS, 120 VOLT, FED FROM A NEW 20 AMP, 1 POLE GROUND FAULT CIRCUIT INTERRUPTER BREAKER IN PANEL E250. PROVIDE ALL COMPONENTS FOR A COMPLETE SYSTEM INCLUDING CABLE, TERMINATION KITS, BINDING TAPE, INDOOR THERMOSTAT. HEAT TRACE CABLE SHALL BE 3M TTS10-1 SERIES OR APPROVED EQUAL.



RAL FILE: 12515
 ASSOCIATION OF PROFESSIONAL ENGINEERS
 OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52
 PERMISSION TO CONSULT HELD BY:
 DISCIPLINE SASK. REG. NO. SIGNATURE
 ELECTRICAL 9273 *[Signature]*

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-03-11

Project title/Titre du projet

**INTERIOR FIT-UP
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
KAD

Drawn by/Dessine par
KAD

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin

**MAIN FLOOR COMMUNICATIONS &
SECOND FLOOR COMMUNICATIONS
& PARTIAL BASEMENT PLAN**

Project No./No. du projet

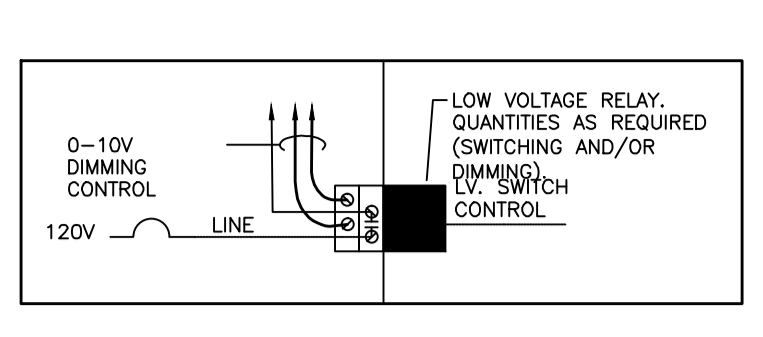
13/2015

Sheet/Feuille

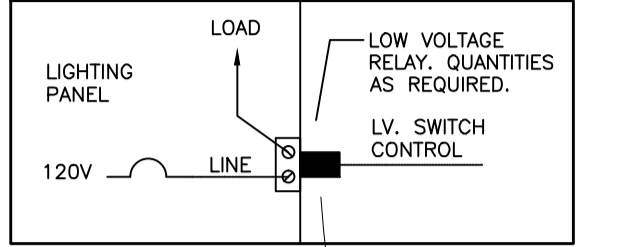
E3.1

Revision no./
La Révision no.

0



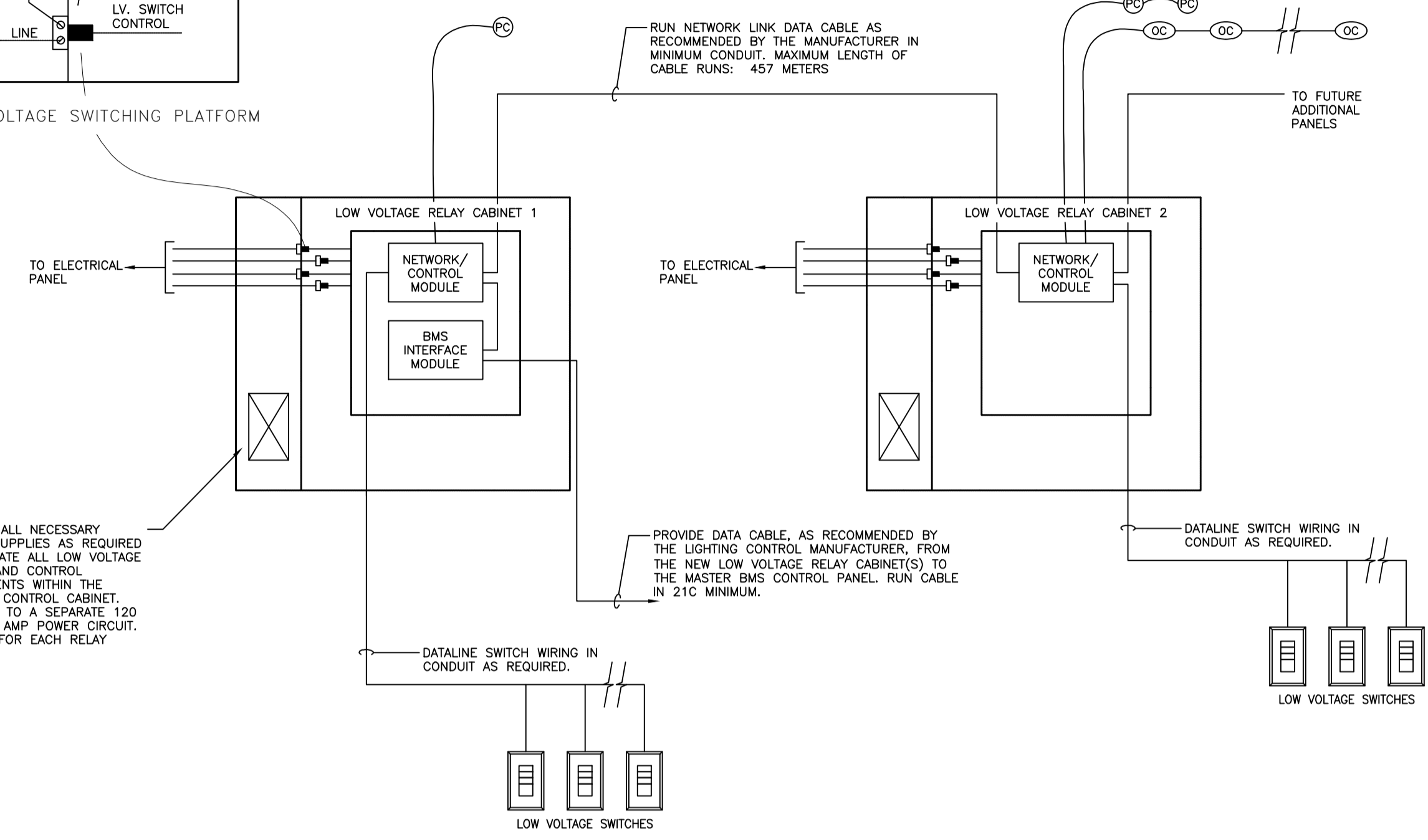
TYPICAL LOW-VOLTAGE DIMMING PLATFORM



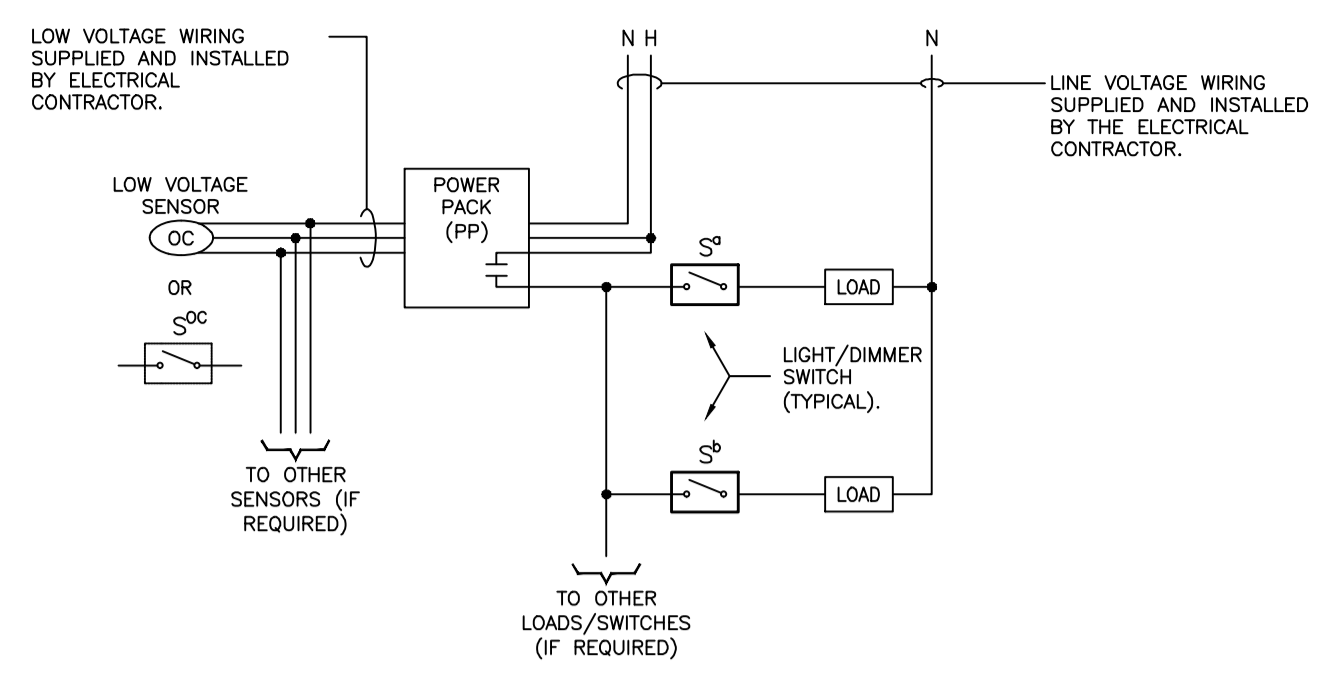
TYPICAL LOW-VOLTAGE SWITCHING PLATFORM

LIGHTING CONTROL WIRING DIAGRAM NOTES

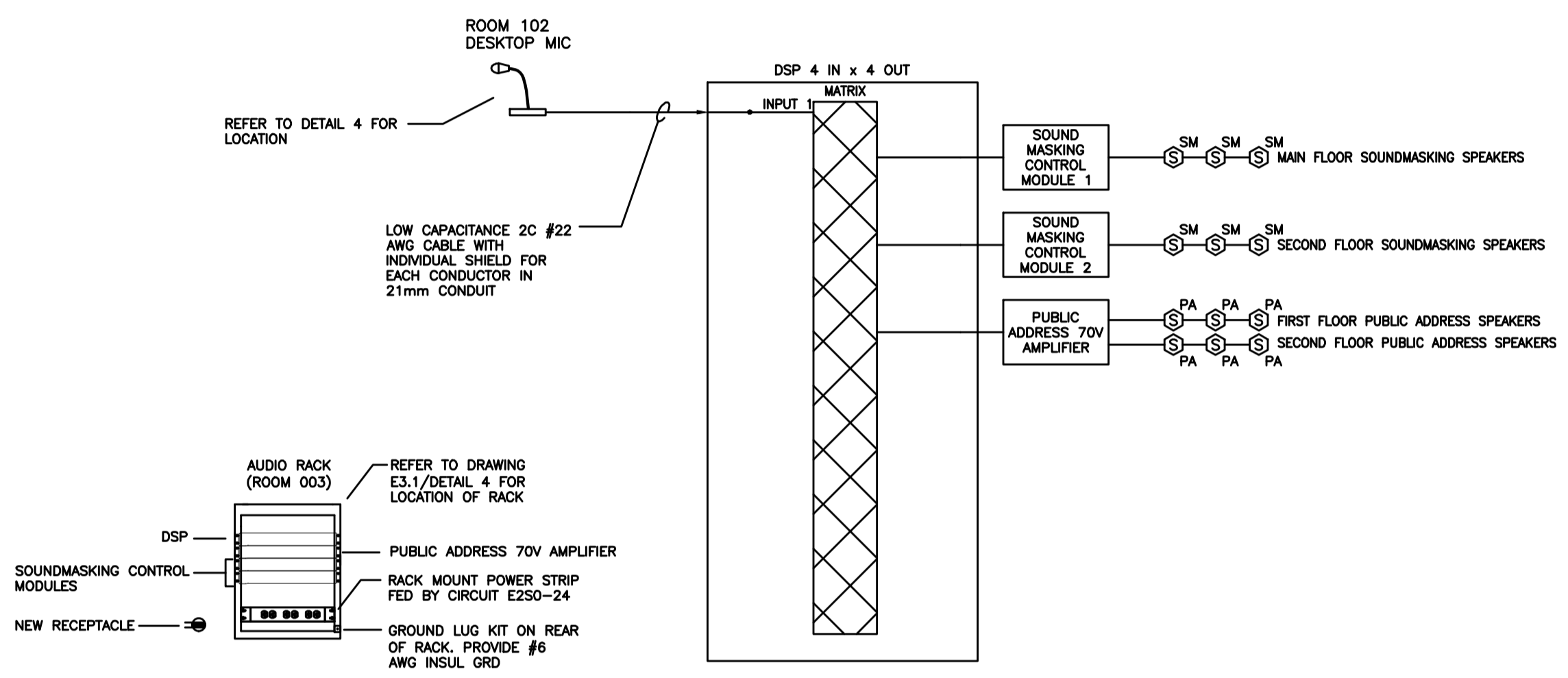
1. TYPICAL WIRING DIAGRAMS AND ROOM LAYOUTS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY AND DO NOT NECESSARILY REFLECT ACTUAL ROOM LIGHT FIXTURE OR DEVICE LAYOUTS. REFER TO FLOOR PLANS FOR ALL LAYOUTS AND DEVICE QUANTITIES, LOCATIONS, AND TYPES.
2. WIRING DIAGRAMS ARE SHOWN FOR INTENT ONLY AND MAY NOT ILLUSTRATE ALL NECESSARY COMPONENTS OR EXACT WIRING REQUIREMENTS FOR A COMPLETE SYSTEM. ALL SYSTEM COMPONENTS SHALL BE PROVIDED AND WIRED AS RECOMMENDED BY THE MANUFACTURER.
3. RELAY PANEL/ROOM CONTROLLER AND POWER PACKS SHALL BE INSTALLED IN A TYPICAL LOCATION WITHIN THE ACCESSIBLE CEILING SPACE (BEYOND DOOR SWING) OF EACH ROOM, WHERE ROOMS HAVE EXPOSED CEILING. DEVICES SHALL BE INSTALLED IN ADJACENT CORRIDOR CEILING SPACE.
4. REFER TO SPECIFICATIONS FOR FURTHER DETAILS.
5. ALL FIRST FLOOR ZONES ARE CONTROLLED BY LOW VOLTAGE RELAY CABINET 1 AND ALL SECOND FLOOR ZONES ARE CONTROLLED BY LOW VOLTAGE RELAY CABINET 2. REFER TO DRAWINGS FOR RELAY CABINET LOCATIONS.



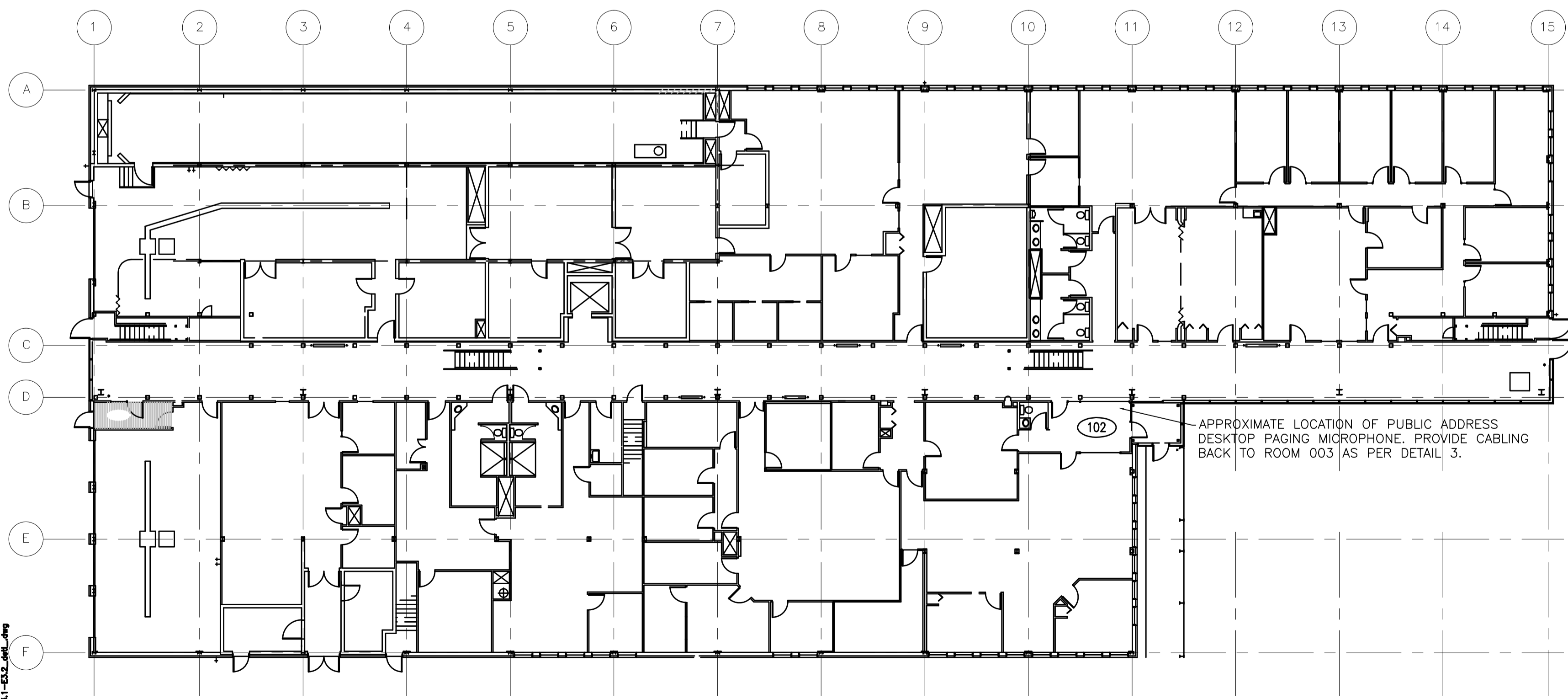
1
E3.2 N.T.S.
LOW VOLTAGE LIGHTING CONTROL SYSTEM WIRING DIAGRAM



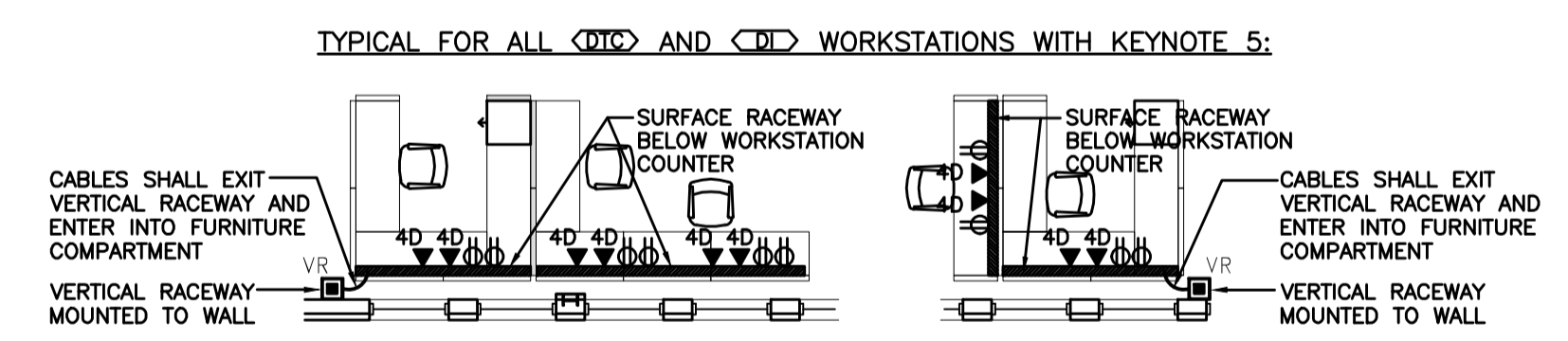
2
E3.2 N.T.S.
TYPICAL OCCUPANCY SENSOR WIRING - SINGLE SENSOR W/ SINGLE CIRCUIT



3
E3.2 N.T.S.
PUBLIC ADDRESS & SOUNDMASKING SYSTEM OVERVIEW



4
E3.2 1:200
MAIN FLOOR KEY PLAN



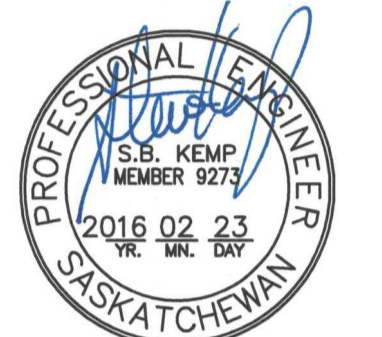
TYPICAL FOR ALL **OTC** AND **CD** WORKSTATIONS WITH KEYNOTE 5:

- PROVIDE HORIZONTAL SURFACE MOUNTED RACEWAY 150mm BELOW COUNTER FOR EACH WORKSTATION - TYPICAL AS SHOWN.
- RECEPTACLES AND DATA OUTLETS SHALL BE MOUNTED IN RACEWAY.
- PROVIDE HORIZONTAL WIRE MANAGEMENT TRAY BELOW COUNTER BRACE FOR CABLES.
- POWER & DATA CABLES FOR DEVICES IN HORIZONTAL RACEWAY IN FURNITURE NOTED ABOVE SHALL BE FED THROUGH A SURFACE WALL MOUNTED FLOOR-TO-CEILING VERTICAL RACEWAY (VR). CABLES SHALL EXIT THE BOTTOM OF THE VERTICAL RACEWAY AND ENTER INTO FURNITURE COMPARTMENT AND CONTINUE INTO HORIZONTAL SURFACE RACEWAY BELOW COUNTER. POWER FED THROUGH VERTICAL RACEWAY AND INTO FURNITURE SHALL BE AC-90 ARMOURED CABLE. MAXIMUM OF FOUR WORKSTATIONS PER VERTICAL RACEWAY. SURFACE RACEWAY SHALL BE TWO-COMPARTMENT, FRONT FACING, STEEL CONSTRUCTION, WITH ENGRAVED NAME PLATES FOR CIRCUIT NUMBERS. CUSTOM COLOR PAINTED FINISH - ARCHITECT TO PROVIDE CUSTOM COLOUR PAINT CHIP.
- WIREMOLD DS4000 OR APPROVED EQUAL.

- NOTE: FOR ALL **OTC** AND **CD** WORKSTATIONS WITH KEYNOTE 4:
- PROVIDE SURFACE RACEWAY FOR EACH WORKSTATION AS NOTED ABOVE, EXCEPT RACEWAY IS TO BE FED FROM WALL FEED INSTEAD OF THROUGH A VERTICAL RACEWAY OR PAC POLE.

- NOTE: FOR ALL **OTC** AND **CD** WORKSTATIONS WITH KEYNOTE 12:
- PROVIDE SURFACE RACEWAY FOR EACH WORKSTATION AS NOTED ABOVE, EXCEPT RACEWAY IS TO BE FED FROM A PAC POLE.

5
E3.2 N.T.S.
SYSTEM FURNITURE RACEWAY DETAIL



DO NOT SCALE DRAWINGS

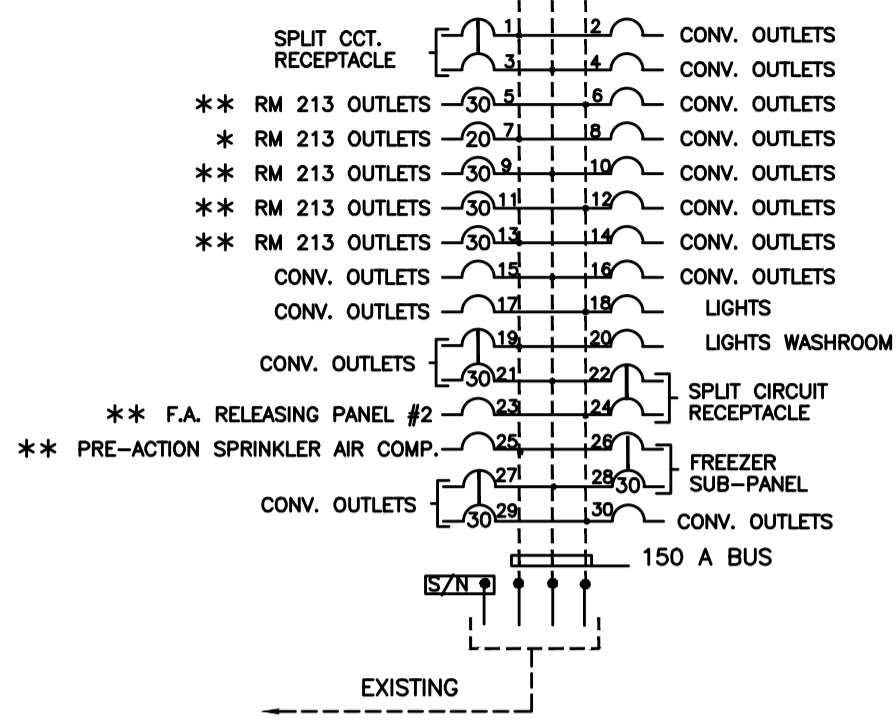
Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-02-23

Project title/Titre du projet
**INTERIOR FIT-UP
 REGINA, SASKATCHEWAN**

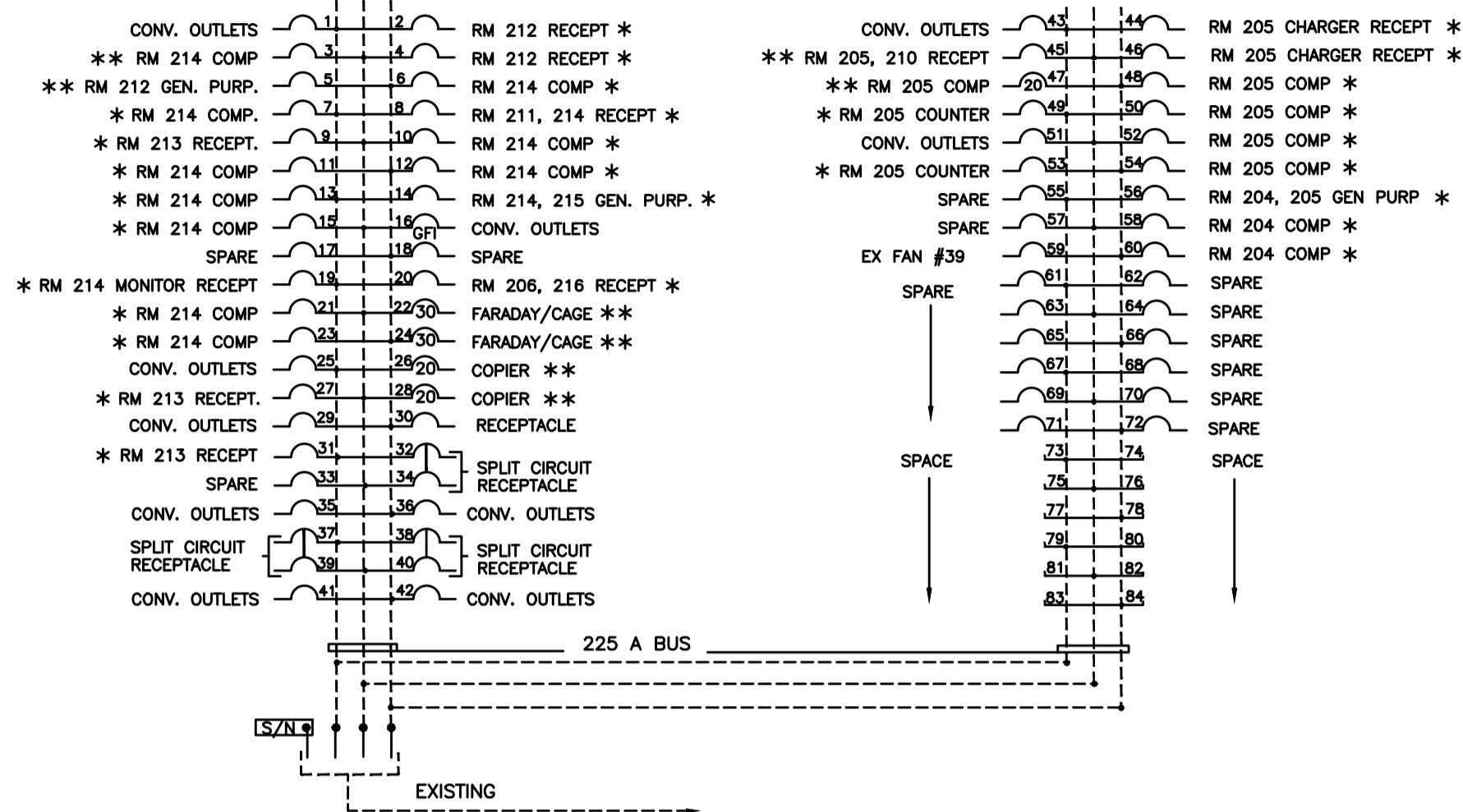
Approved by/Approve par
 Designed by/Concept par
KAD
 Drawn by/Dessine par
KAD
 Project Manager/Administrateur de Projets

Drawing title/Titre du dessin
ELECTRICAL DETAILS

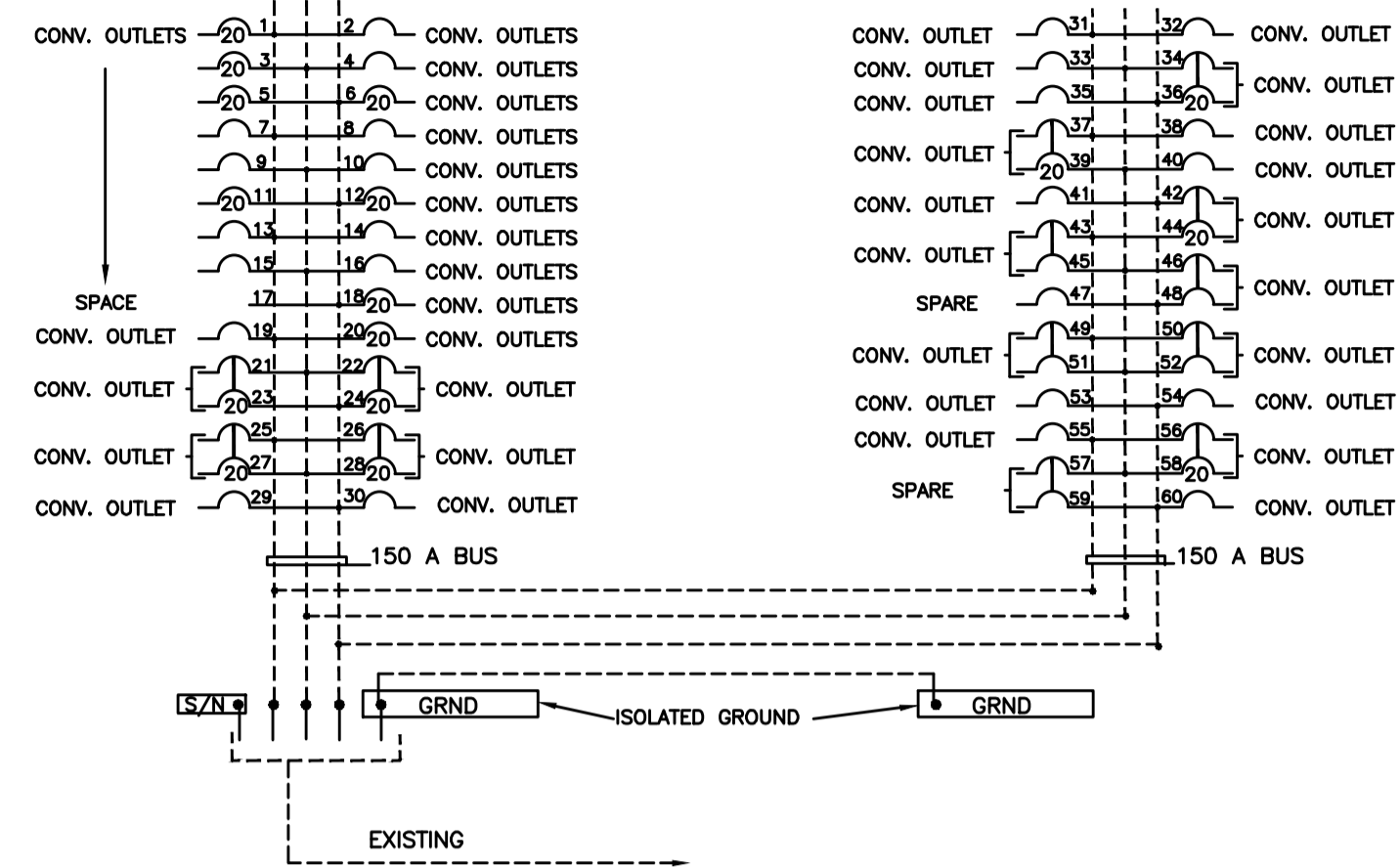
(EXISTING EMERGENCY)
PANEL E2G2
 120/208 V 3PH 4W



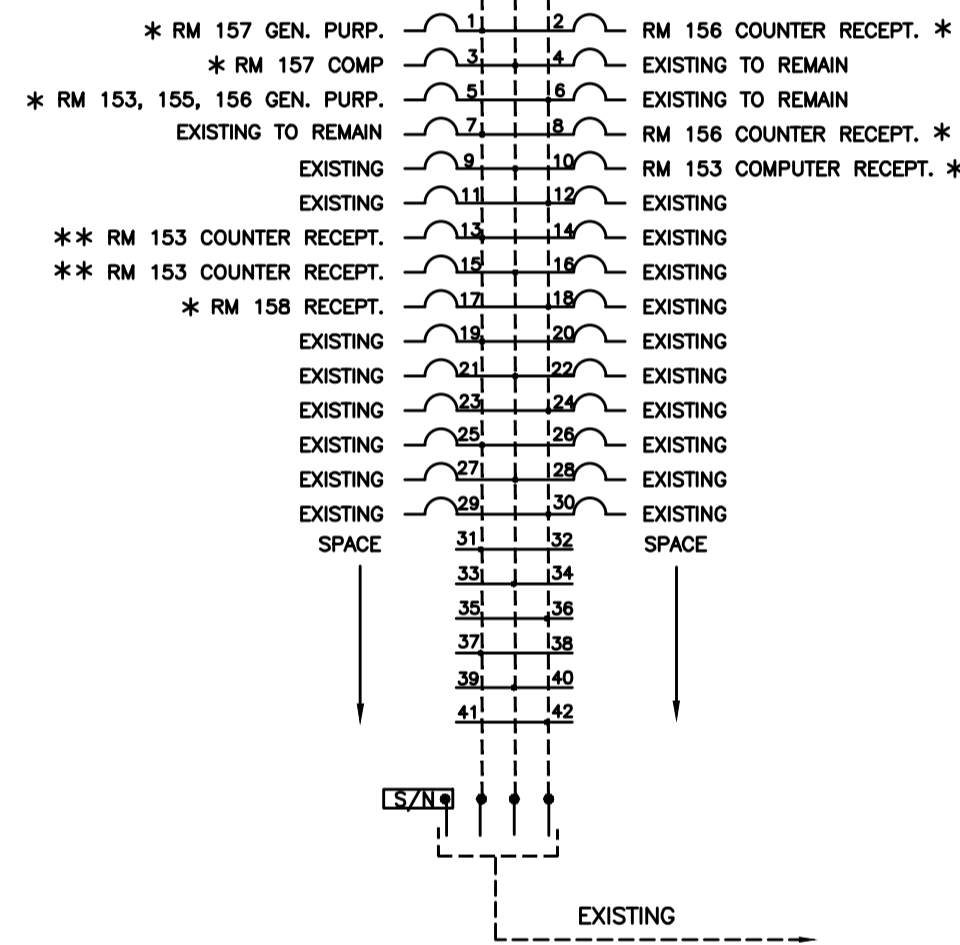
(EXISTING)
PANEL 2H2
 120/208 V 3PH 4W



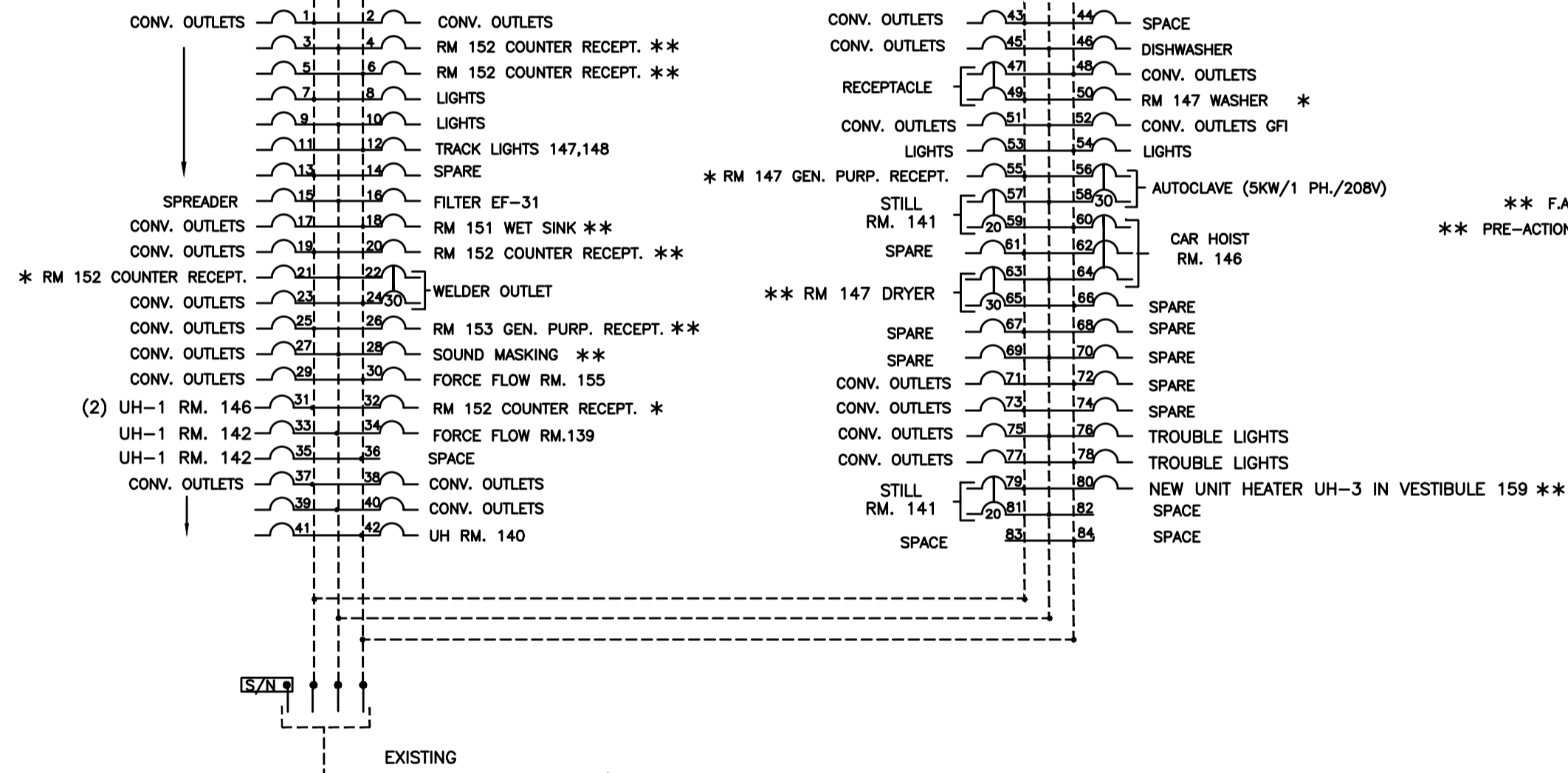
(EXISTING)
PANEL U2V2
 120/208 V 3PH 4W



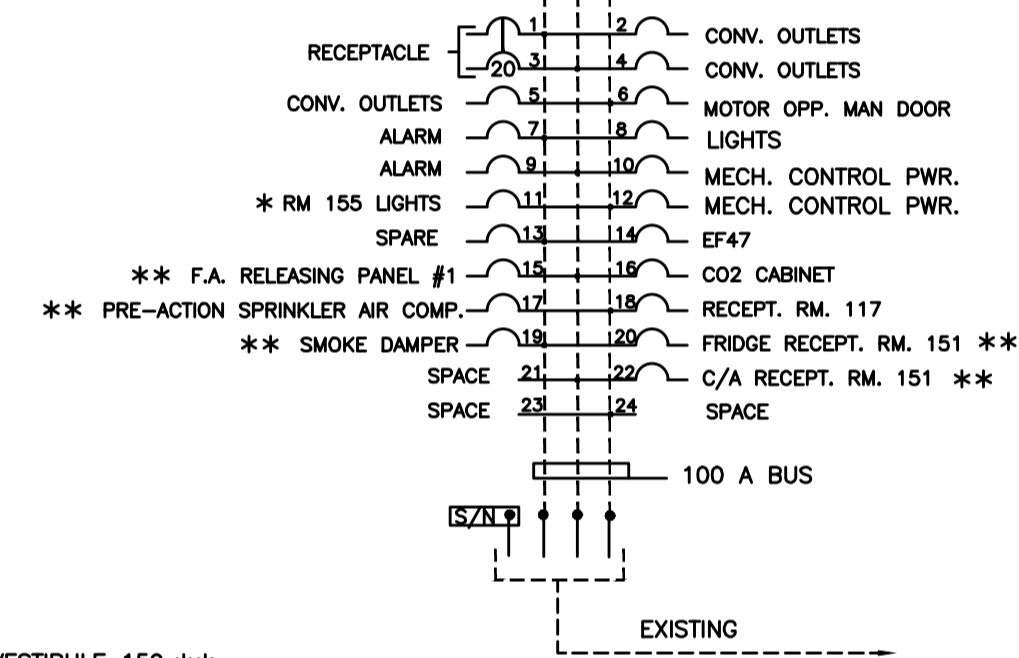
(EXISTING)
PANEL 2L1
 120/208 V 3PH 4W



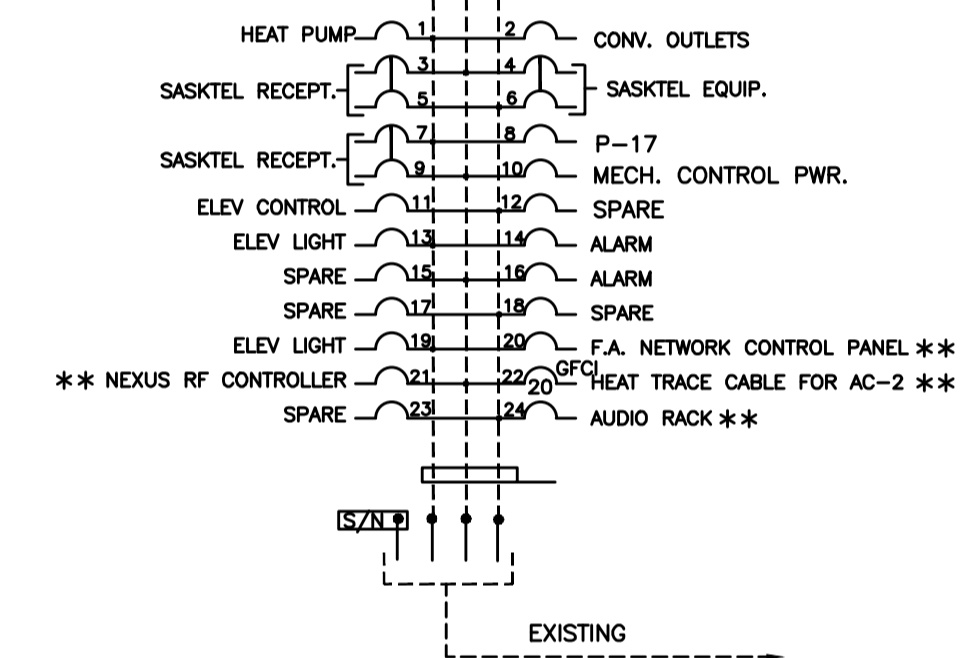
(EXISTING)
PANEL 2J1
 120/208 V 3PH 4W



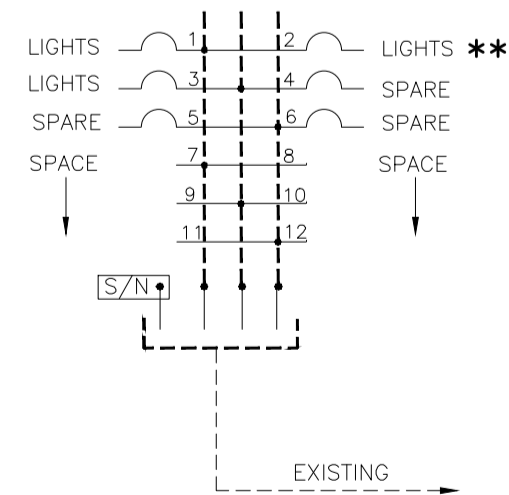
(EXISTING EMERGENCY)
PANEL E2K1
 120/208 V 3PH 4W



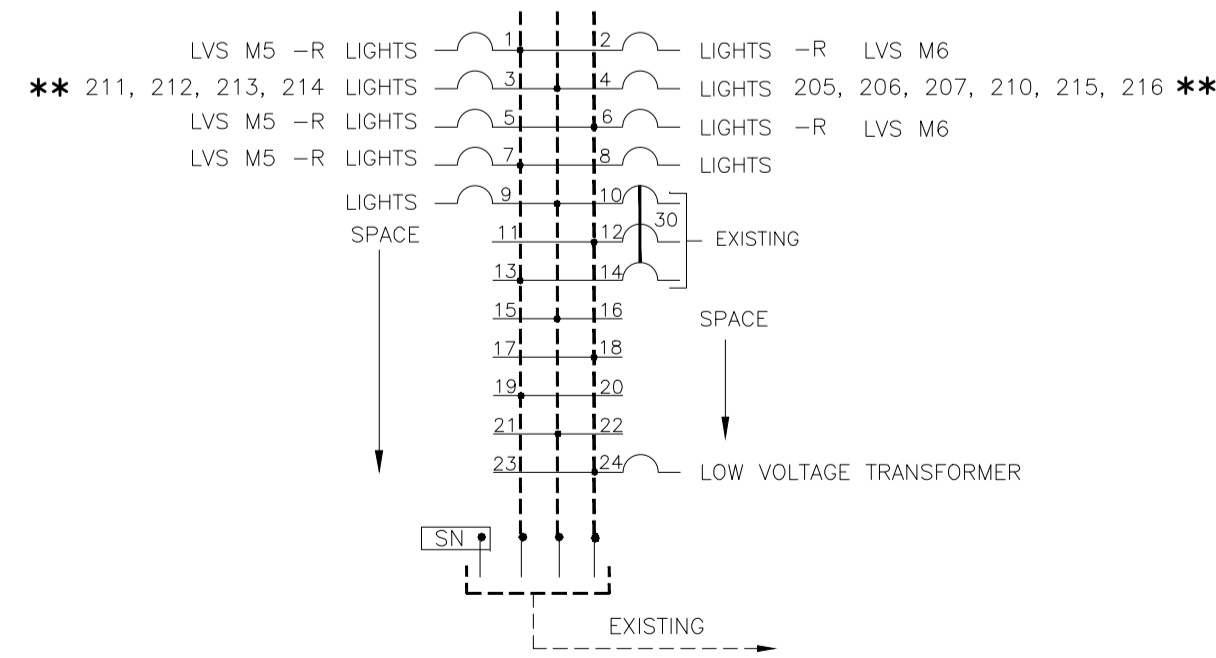
(EXISTING EMERGENCY)
PANEL E2S0
 120/208 V 3PH 4W



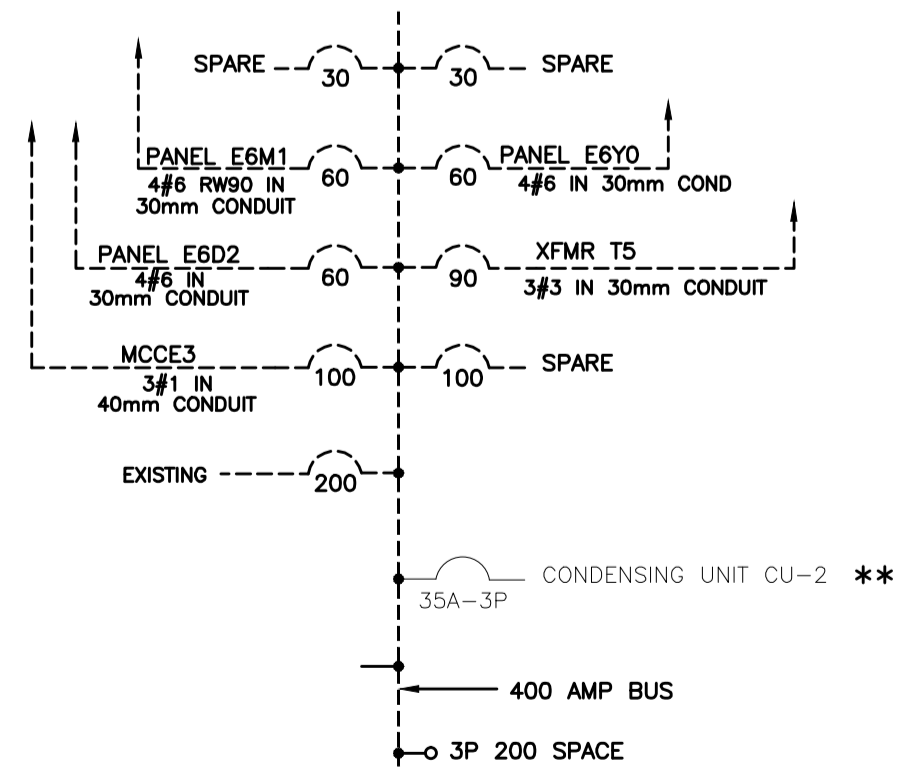
(EXISTING EMERGENCY)
PANEL E6M1
 347/600 V 3PH 4W



(EXISTING)
PANEL 6W2
 347/600 V 3PH 4W



(EXISTING)
EDP604
 347/600 V 3PH 4W

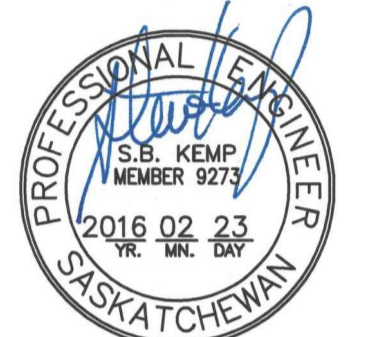


NOTE: THE EXISTING PANEL SCHEMATICS ARE SHOWN FOR REFERENCE ONLY. THE CIRCUIT NUMBERS AND DESCRIPTIONS DO NOT NECESSARILY REFLECT ACTUAL CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING BRANCH CIRCUITRY MODIFIED IN THIS RENOVATION AND SHALL REUSE EXISTING BREAKERS MADE SPARE BY DEMOLITION TO ACHIEVE THE CIRCUITRY SHOWN ON THESE PLANS.

* INDICATES NEW BRANCH CIRCUIT FED FROM AN EXISTING BREAKER

** INDICATES NEW BRANCH CIRCUIT FED FROM A NEW BREAKER.

ALL PANEL DIRECTORIES AFFECTED BY THIS RENOVATION SHALL BE UPDATED TO SUIT NEW AND REVISED CIRCUITRY. CONTRACTOR SHALL COORDINATE SHUT DOWN FOR PANEL REPLACEMENT WITH OWNER PRIOR TO COMPLETING REPLACEMENT TO MINIMIZE SHUT DOWN TIME.



ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52

PERMISSION TO CONSULT HELD BY:
 DISCIPLINE: ELECTRICAL
 SASK. REG. NO.: 9273
 SIGNATURE: [Signature]

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-05-11

Client/client
 Project title/Titre du projet

INTERIOR FIT-UP
REGINA, SASKATCHEWAN

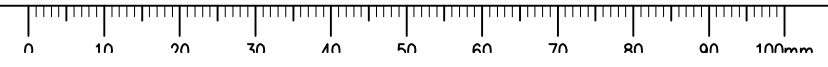
Approved by/Approve par
 Designed by/Concept par
KAD
 Drawn by/Dessine par
KAD
 Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

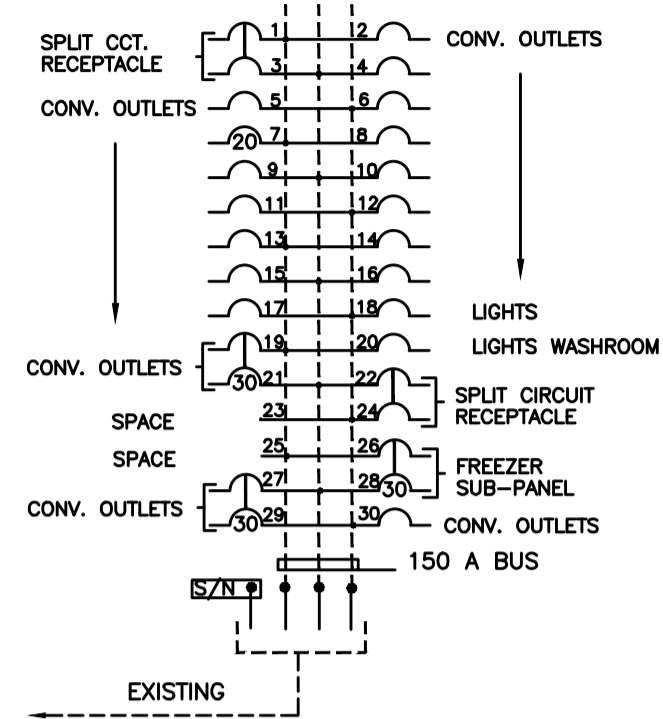
Client/client
 Drawing title/Titre du dessin
EXISTING PANEL SCHEMATICS
NEW BRANCH CIRCUITRY

Project No./No. du projet
13/2015
 Sheet/Feuille
E4.1
 Revision no./La Révision no.
0

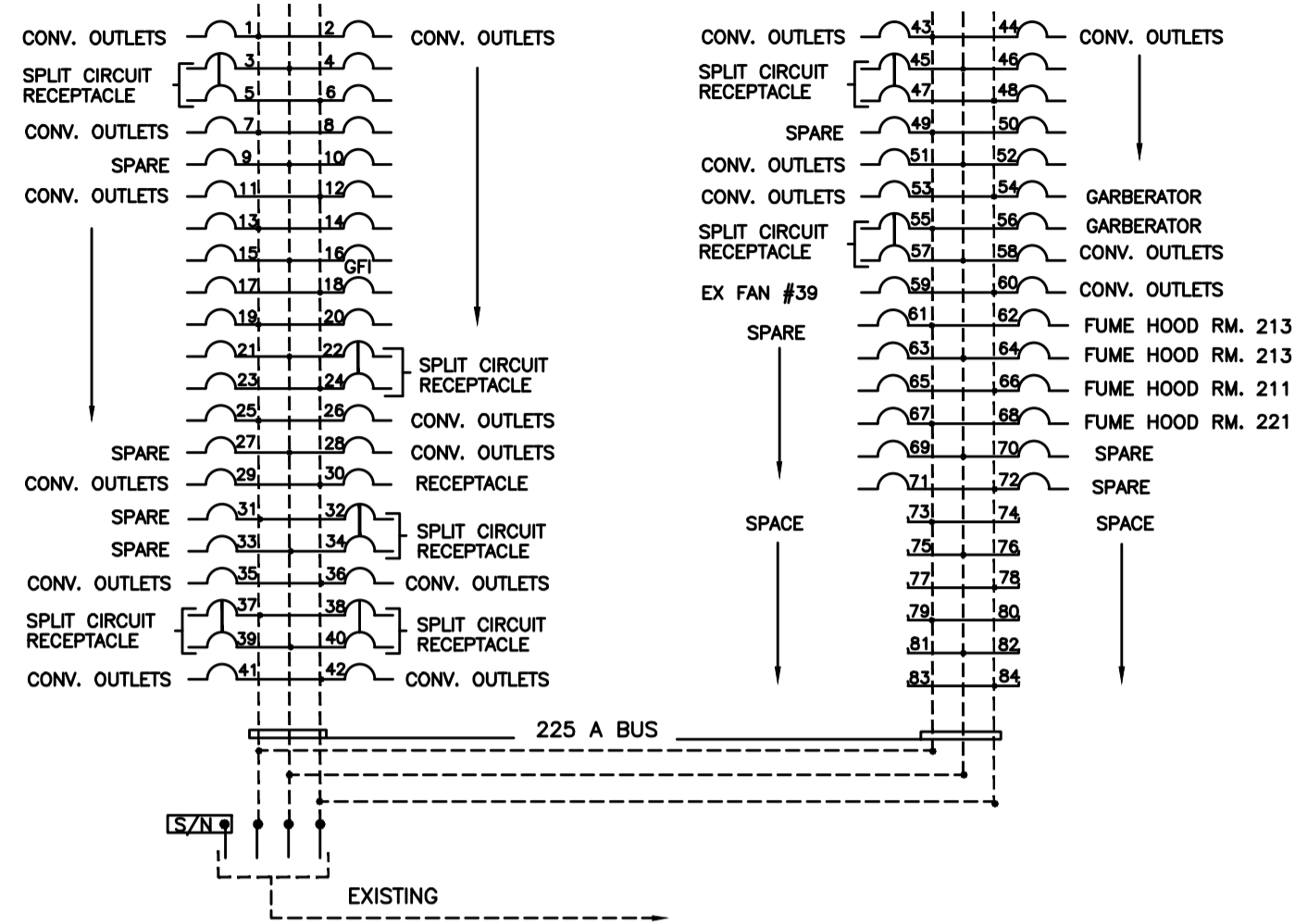
DRAWING PLOTTED: 2016-05-11 10:00 AM
 PLOTTER: HP DesignJet T1100
 PLOTTER: HP DesignJet T1100



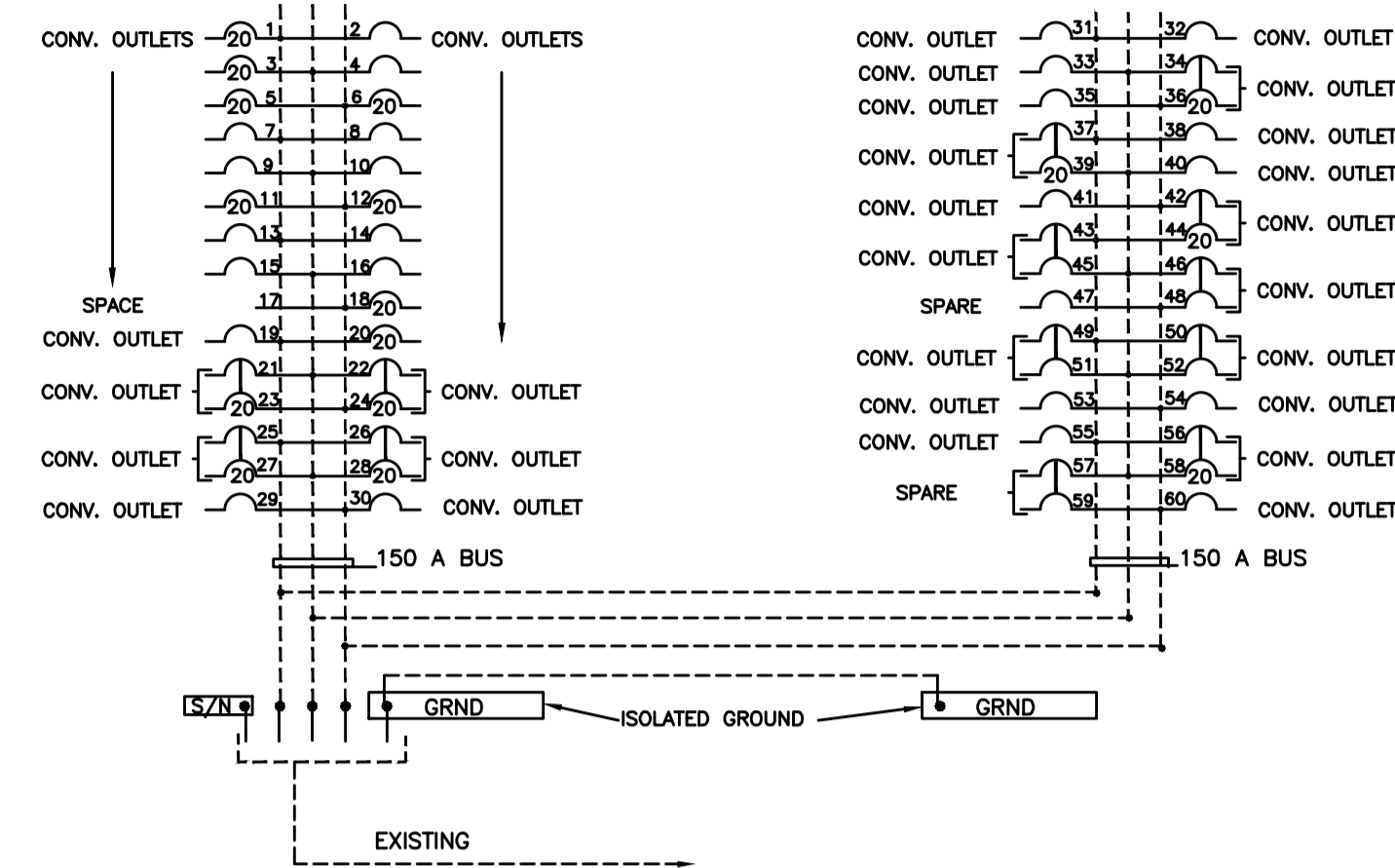
(EXISTING EMERGENCY)
PANEL E2G2
 120/208 V 3PH 4W



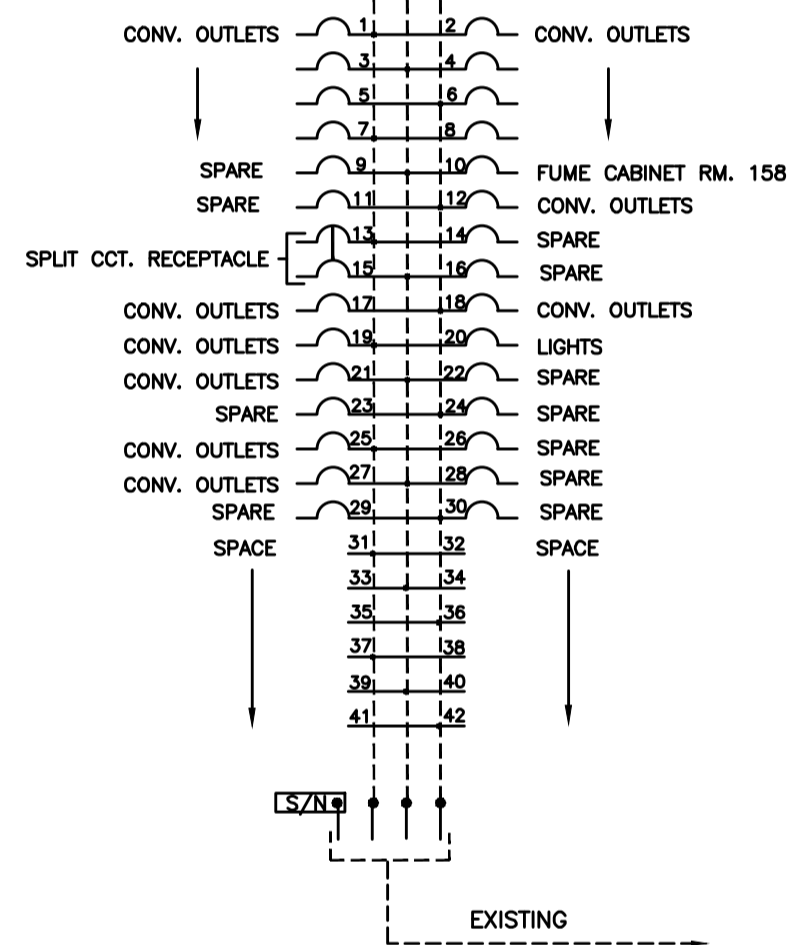
(EXISTING)
PANEL 2H2
 120/208 V 3PH 4W



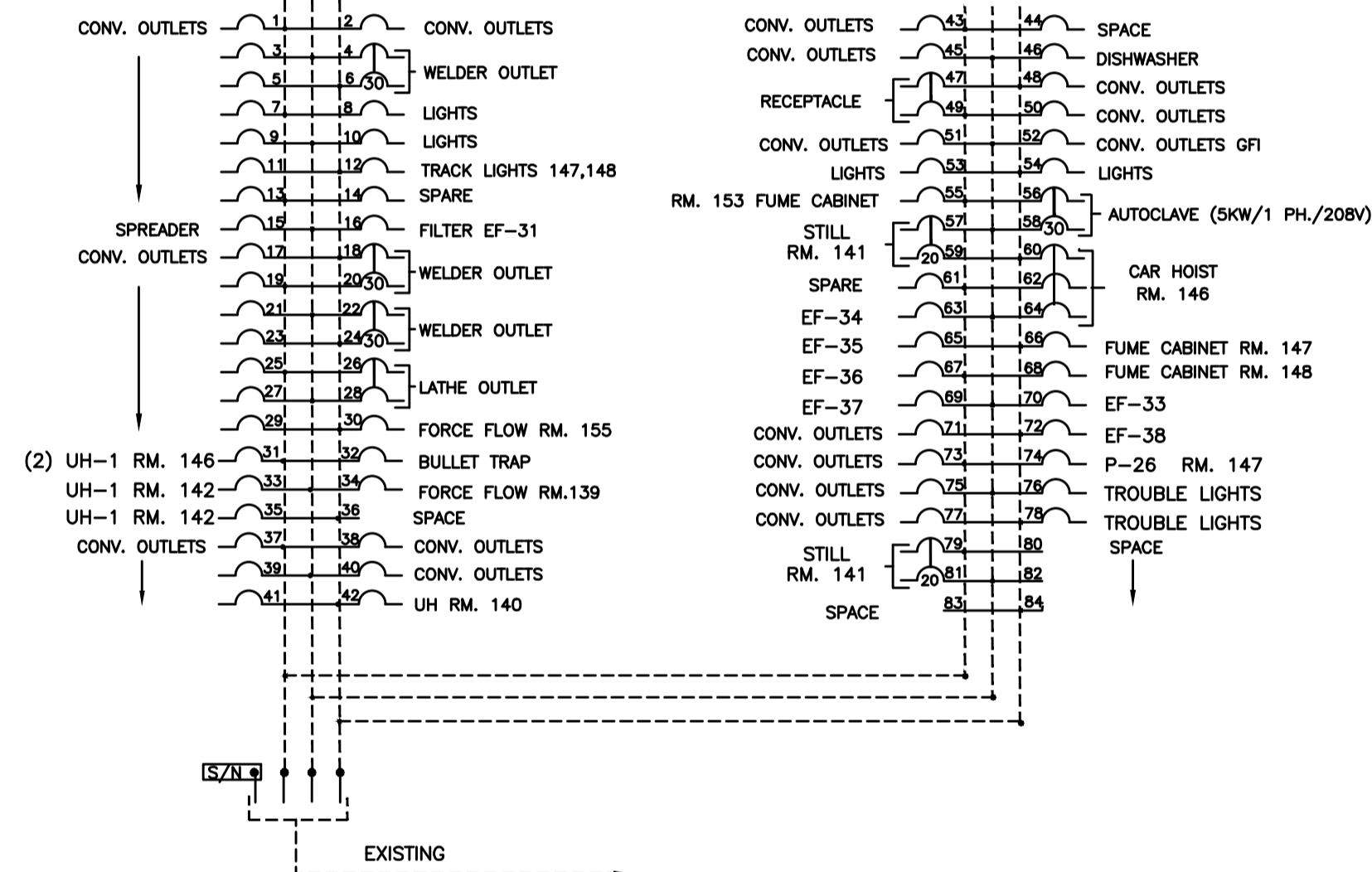
(EXISTING)
PANEL U2V2
 120/208 V 3PH 4W



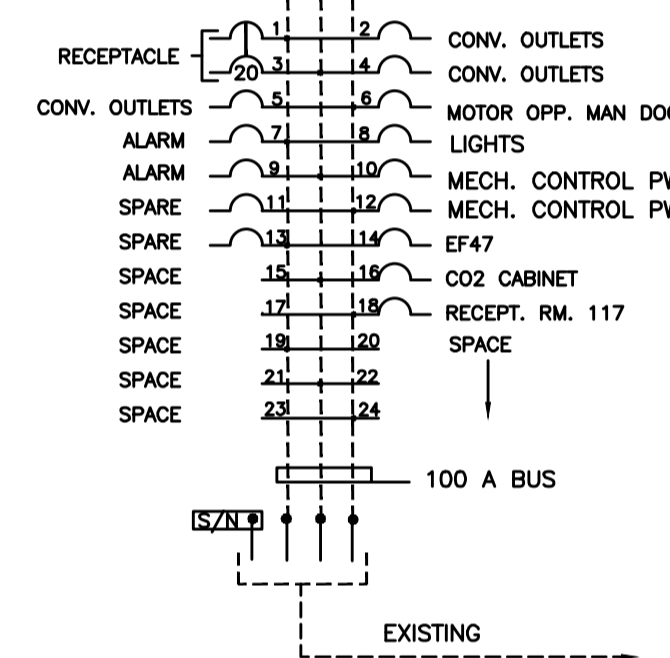
(EXISTING)
PANEL 2L1
 120/208 V 3PH 4W



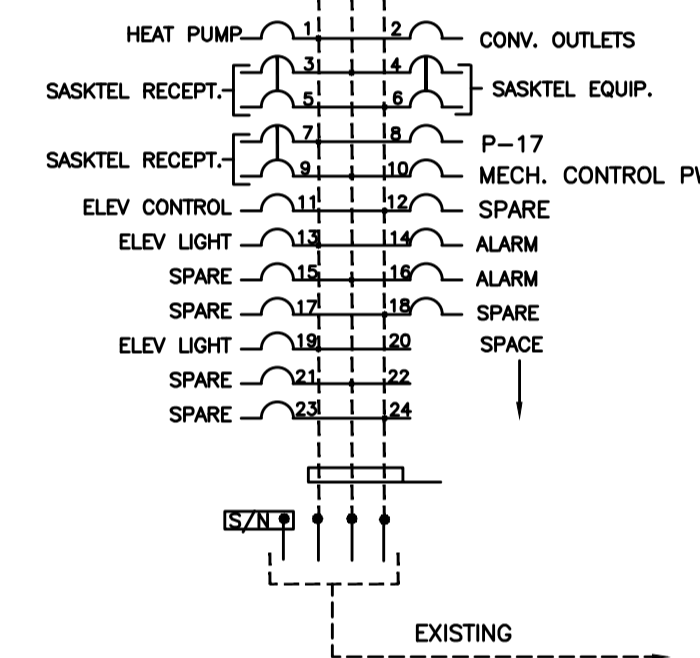
(EXISTING)
PANEL 2J1
 120/208 V 3PH 4W



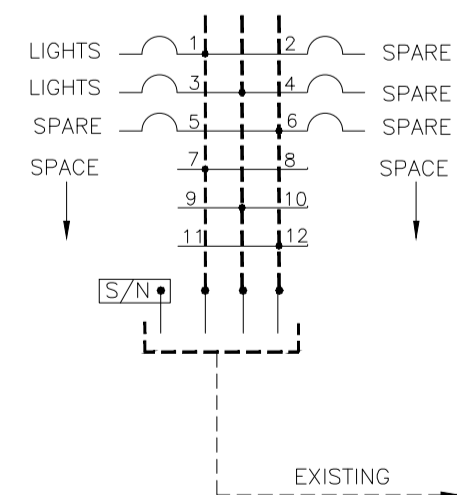
(EXISTING EMERGENCY)
PANEL E2K1
 120/208 V 3PH 4W



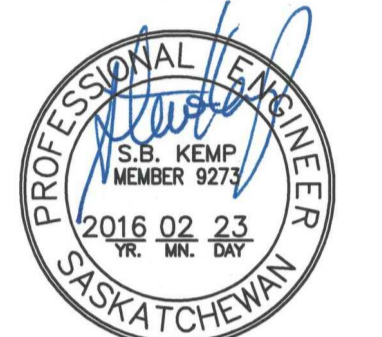
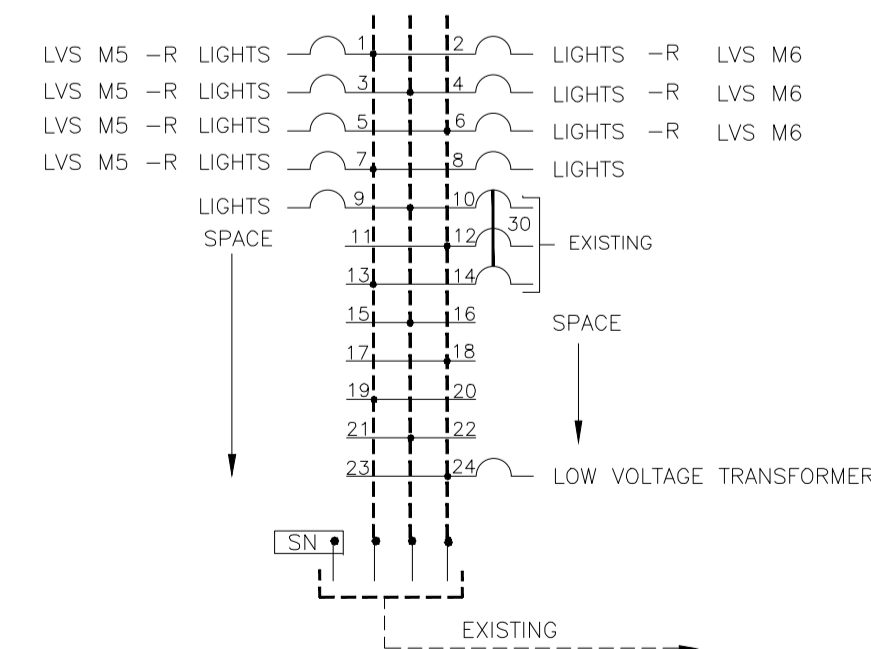
(EXISTING EMERGENCY)
PANEL E2S0
 120/208 V 3PH 4W



(EXISTING EMERGENCY)
PANEL E6M1
 347/600 V 3PH 4W



(EXISTING)
PANEL 6W2
 347/600 V 3PH 4W



ASSOCIATION OF PROFESSIONAL ENGINEERS
 OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52

PERMISSION TO CONSULT HELD BY:
 DISCIPLINE: ELECTRICAL
 SASK. REG. NO.: 9273
 SIGNATURE: *[Signature]*

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-02-11

Client/client
 Project title/Titre du projet

**INTERIOR FIT-UP
 REGINA, SASKATCHEWAN**

Approved by/Approve par
 Designed by/Concept par
KAD
 Drawn by/Dessine par
KAD
 Project Manager/Administrateur de Projets

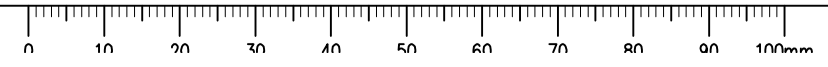
Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie

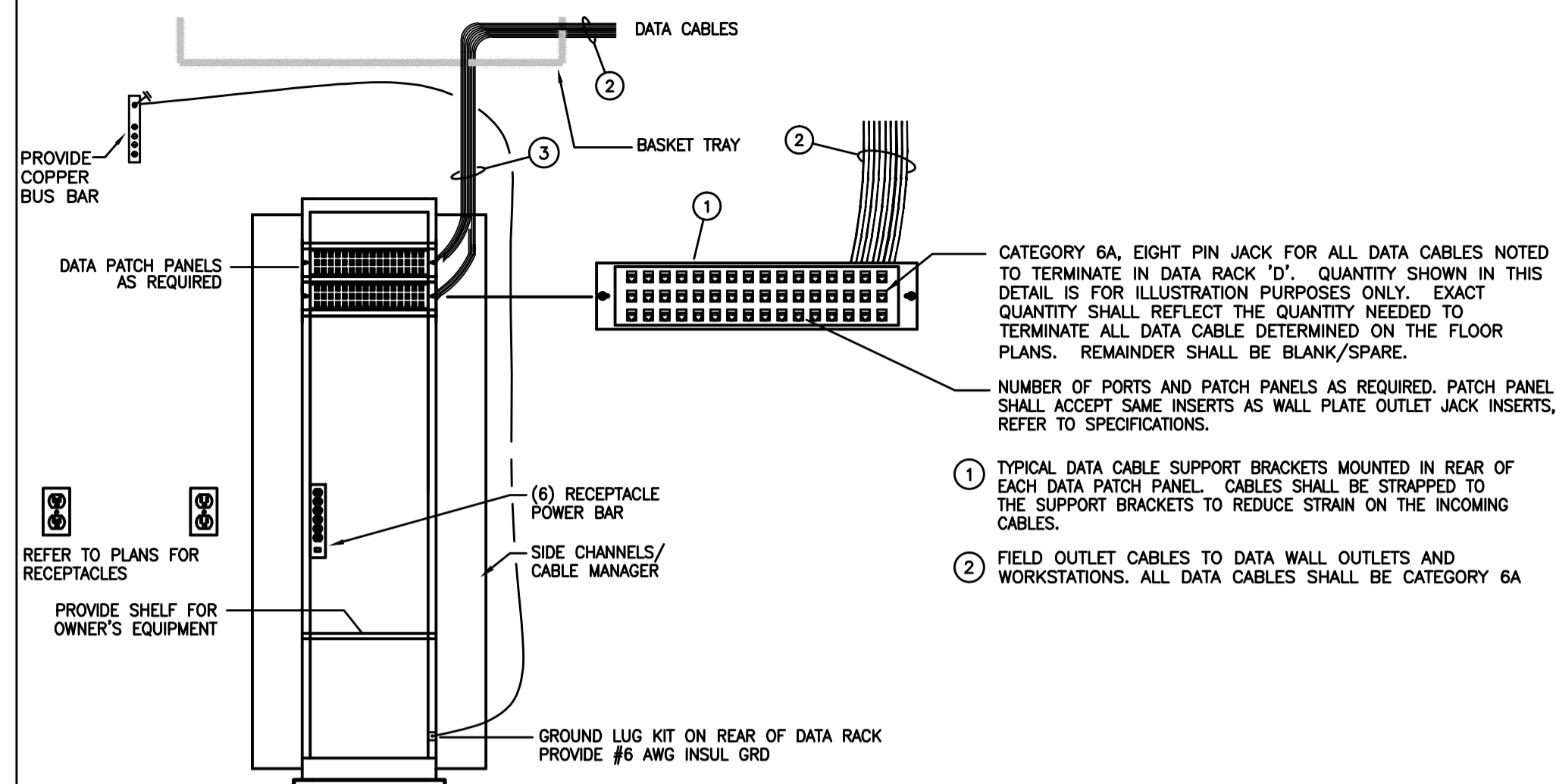
Client/client
 Drawing title/Titre du dessin

**EXISTING PANEL SCHEMATICS
 FOR REFERENCE ONLY**

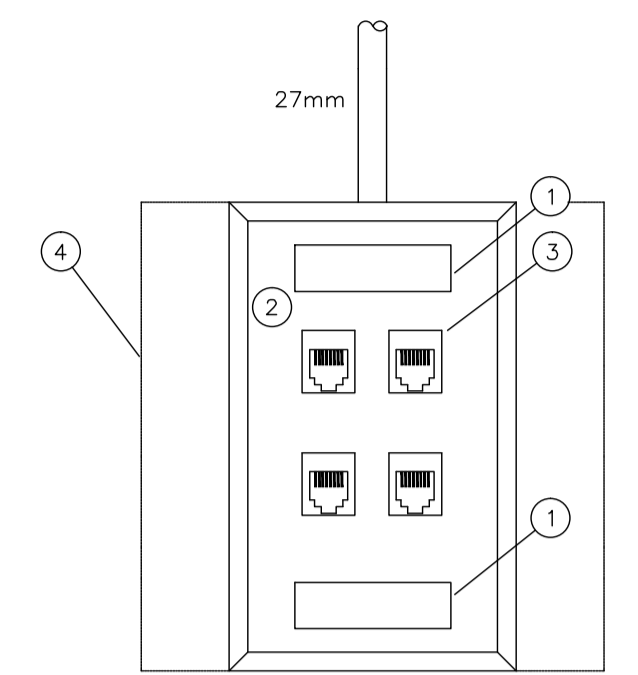
Project No./No. du projet	Sheet/Feuille	Revision no./Le Révision no.
13/2015	E4.2	0

DRAWING PLOTTED:
 2016-11-23 10:01 AM
 PLOTTER: HP DesignJet T120
 PLOTTER: HP DesignJet T120





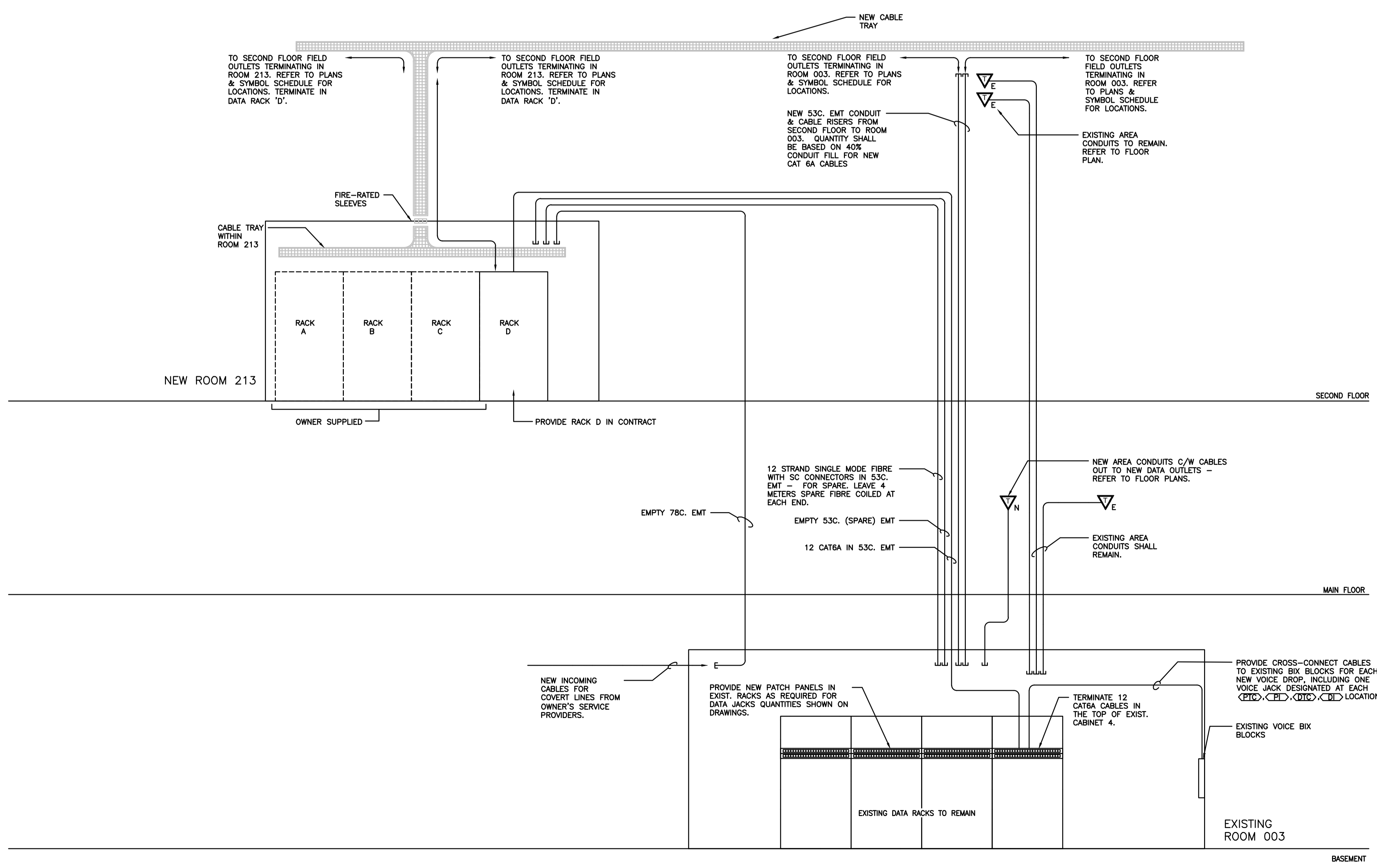
2 ROOM 213 - DATA RACK 'D' DETAIL
E5.1 N.T.S.



3 DATA OUTLET DETAIL
E5.1 N.T.S.

ITEM	DESCRIPTION
1	INTEGRATED LABEL
2	FACEPLATE
3	RJ45 DATA JACK (8 PIN) (CATEGORY 6A)
4	100 x 100mm JUNCTION BOX WITH SINGLE GANG EXTENSION RING

Unused jacks shall be use blank fittings. Refer to floor plans for exact drop count.
Data/Voice outlet shall be grounded to power receptacle ground.



1 COMMUNICATIONS RISER
E5.1 N.T.S.

SEPW Architecture Inc.
100 - 3725 Piquette Street, Regina, SK S4S 0R8 ph: (306) 569-2255
102 - 3718 Kinross Place, Saskatoon SK, S7P 0A6 ph: (306) 652-4457
www.sepw.ca

Ritenburg & Associates Ltd.
Consulting Electrical Engineers
#200-2222 Albert Street, Regina, SK S4P 2V2
P: (306) 569-1303 F: (306) 569-1307
Email: rai@ritenburg.com



RAL FILE: 12515
ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.
NUMBER 52
PERMISSION TO CONSULT HELD BY:
DISCIPLINE: ELECTRICAL SASK. REG. No: 9273 SIGNATURE: *[Signature]*

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-04-11

Project title/Titre du projet
**INTERIOR FIT-UP
REGINA, SASKATCHEWAN**

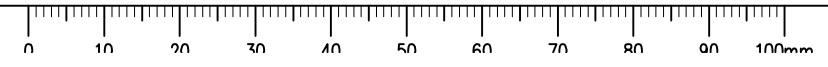
Approved by/Approve par
KAD
Designed by/Concept par
KAD
Drawn by/Dessine par
KAD
Project Manager/Administrateur de Projets

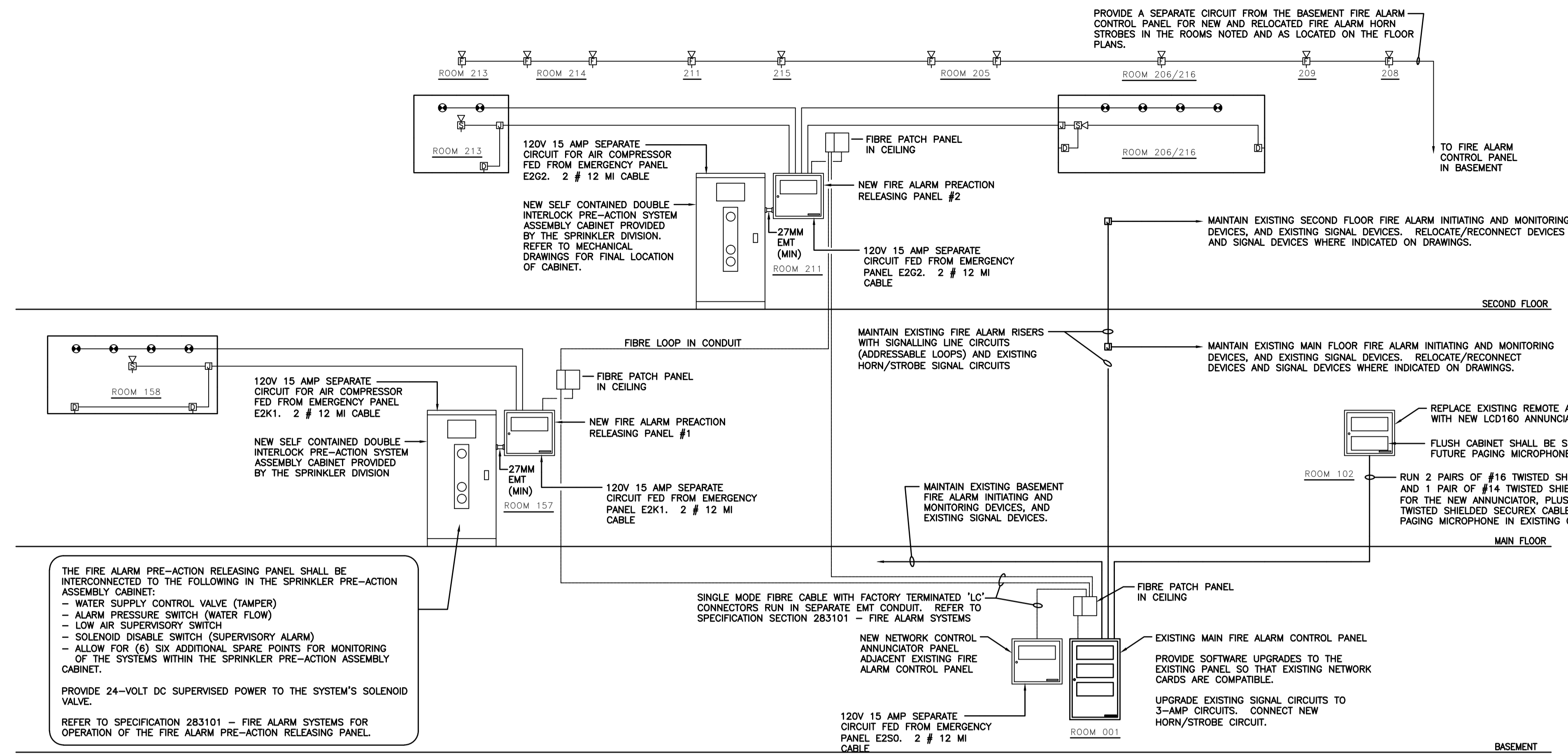
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Drawing title/Titre du dessin
COMMUNICATIONS RISER DETAIL

Project No./No. du projet	Sheet/Feuille	Revision no./Le Révision no.
13/2015	E5.1	0

DRAWING AUTOMATICALLY GENERATED BY CADWALDRER
FILE NAME: 130105_05_01-03_2_Plan_Amy
DATE: 2015-02-11





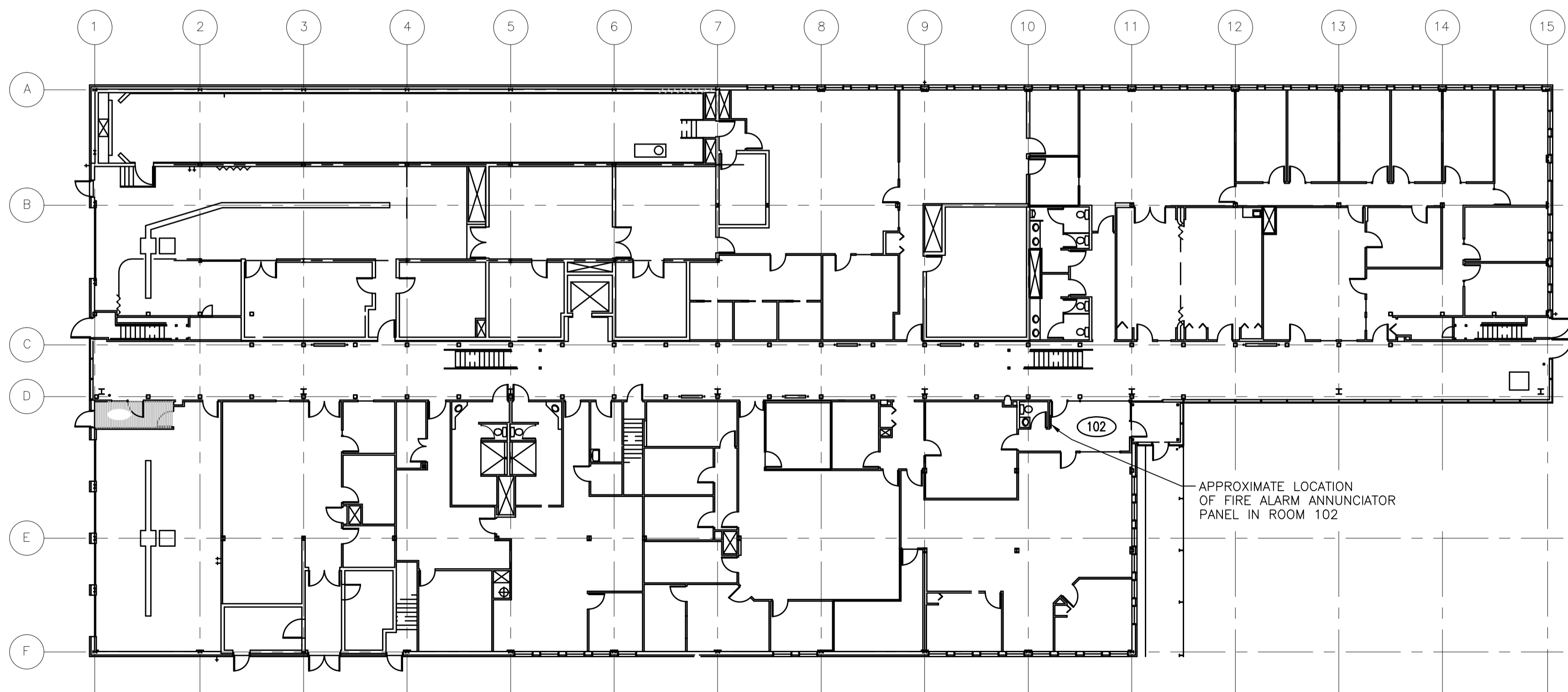
THE FIRE ALARM PRE-ACTION RELEASING PANEL SHALL BE INTERCONNECTED TO THE FOLLOWING IN THE SPRINKLER PRE-ACTION ASSEMBLY CABINET:

- WATER SUPPLY CONTROL VALVE (TAMPER)
- ALARM PRESSURE SWITCH (WATER FLOW)
- LOW AIR SUPERVISORY SWITCH
- SOLENOID DISABLE SWITCH (SUPERVISORY ALARM)
- ALLOW FOR (6) SIX ADDITIONAL SPARE POINTS FOR MONITORING OF THE SYSTEMS WITHIN THE SPRINKLER PRE-ACTION ASSEMBLY CABINET.

PROVIDE 24-VOLT DC SUPERVISED POWER TO THE SYSTEM'S SOLENOID VALVE.

REFER TO SPECIFICATION 283101 - FIRE ALARM SYSTEMS FOR OPERATION OF THE FIRE ALARM PRE-ACTION RELEASING PANEL.

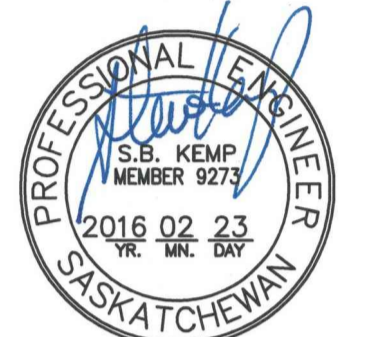
1 FIRE ALARM RISER
E5.2 N.T.S.



2 MAIN FLOOR FIRE ALARM KEY PLAN
E5.2 1:200

SEPW Architecture Inc.
 100-3725 Piquette Street, Regina, SK S4S 0B8 ph: (306) 569-2255
 102-3718 Kinross Place, Saskatoon SK, S7P 0A6 ph: (306) 662-4467
 website: www.sepw.ca

Ritenburg & Associates Ltd.
 Consulting Electrical Engineers
 #200-2222 Albert Street, Regina, SK S4P 2V2
 P: (306) 569-1303 F: (306) 569-1307
 Email: rai@ritenburg.com



RAL FILE: 12515
 ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52
 PERMISSION TO CONSULT HELD BY:
 DISCIPLINE SASK. REG. No. SIGNATURE
 ELECTRICAL 9273

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-02-11

Project Title/Titre du projet

**INTERIOR FIT-UP
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
KAD

Drawn by/Dessine par
KAD

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie

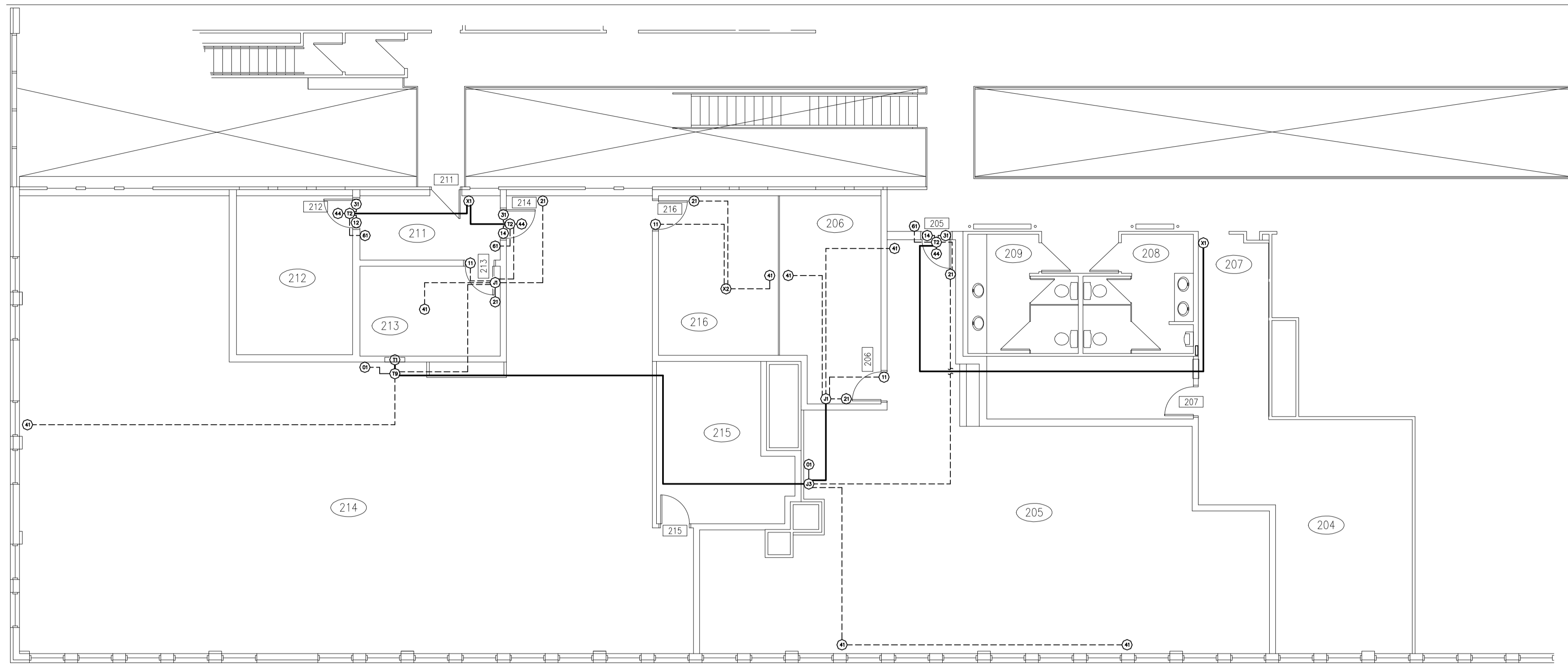
Client/client

Drawing Title/Titre du dessin

**FIRE ALARM RISER
 AND FIRE ALARM KEY PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./Le Révision no.
13/2015	E5.2	0

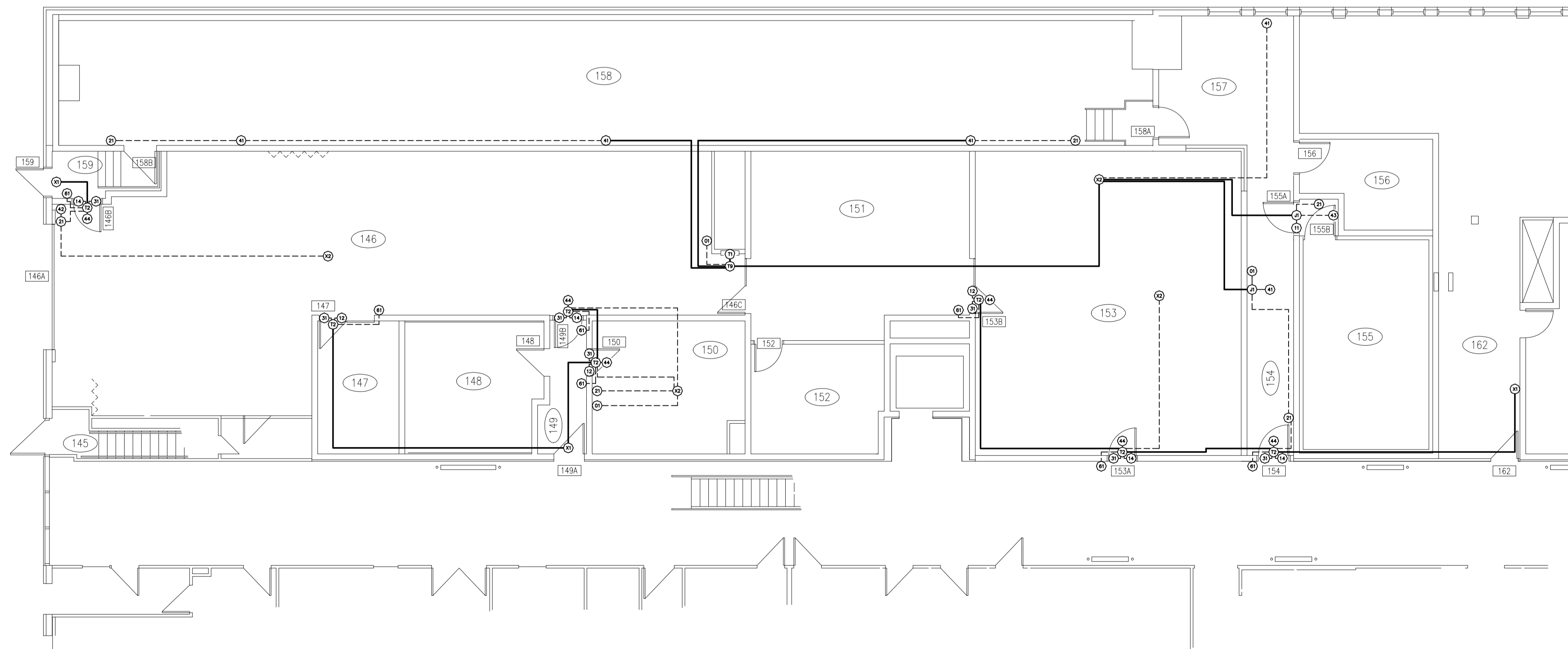
DRAWING AUTOMATICALLY GENERATED BY THE SOFTWARE
 FILE NAME: 130105_01-03_2_Rev_0.dwg
 DATE: 2016-02-11 10:52:00 AM



1 NEW CONDUIT PLAN - SECOND FLOOR
E7.1 1:100

DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- Conduit sized to fit cables unless specified otherwise (minimum 19mm)



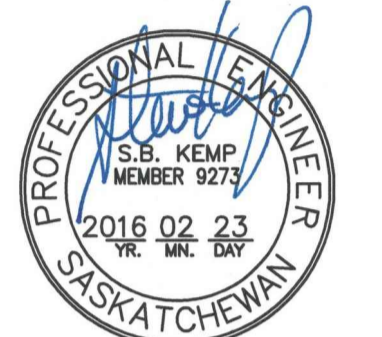
2 NEW CONDUIT PLAN - MAIN FLOOR
E7.1 1:100

DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- Conduit sized to fit cables unless specified otherwise (minimum 19mm)

SEPW Architecture Inc.
 100-3725 Piquet Street, Regina, SK S4S 0A8 ph: (306) 569-2255
 102-3718 Kinross Place, Saskatoon SK S7P 0A6 ph: (306) 652-4457
 website: www.sepw.ca

Ritenburg & Associates Ltd.
 Consulting Electrical Engineers
 #200-2222 Albert Street, Regina, SK S4P 2V2
 P: (306) 569-1303 F: (306) 569-1307
 Email: ra@ritenburg.com



RAL FILE: 12515
 ASSOCIATION OF PROFESSIONAL ENGINEERS
 OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52

PERMISSION TO CONSULT HELD BY:
 DISCIPLINE SASK. REG. No. SIGNATURE
 ELECTRICAL 9273 *[Signature]*

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2014-01-11

Project title/Titre du projet

**INTERIOR FIT-UP
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
PTSS

Drawn by/Dessine par
PTSS

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin

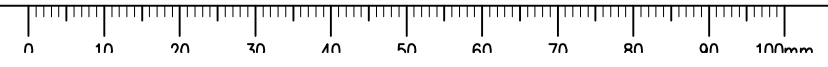
**NEW BUILDING SECURITY
 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet
13/2015

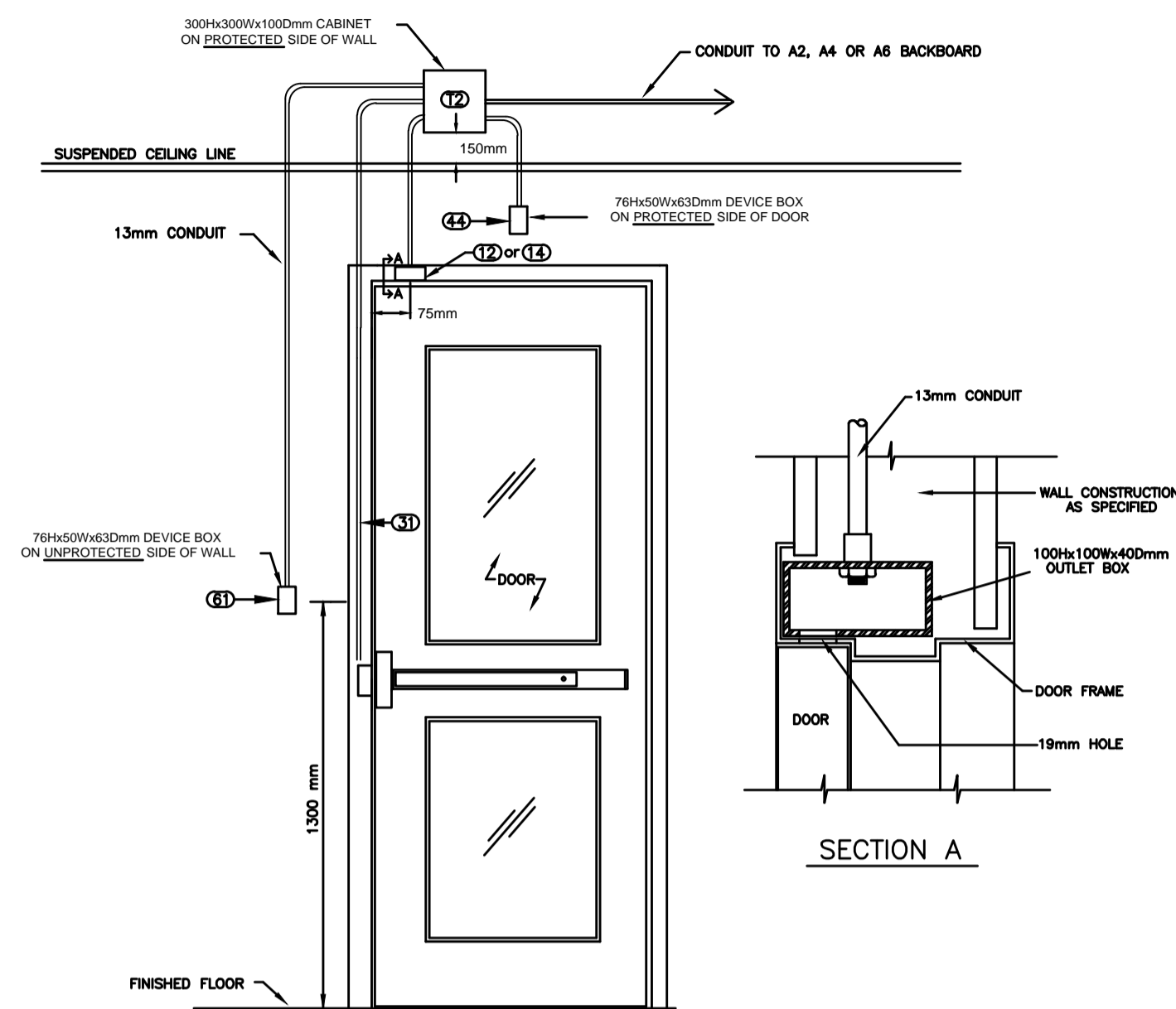
Sheet/ Feuille
E7.1

Revision no./
 La Révision no.
0

DRAWING AUTHOR: PTSS
 FILE NAME: 13015_E7.1-17.2-E7.3_solid-dm.dwg
 DRAWING: E7.1



Detail Drawing
ACCESS CONTROL – ELEVATION OF SINGLE DOOR
WITH DOOR CONTACT, WALL MOUNTED READER
AND ELECTRIC STRIKE (PANIC HARDWARE)



ELEVATION

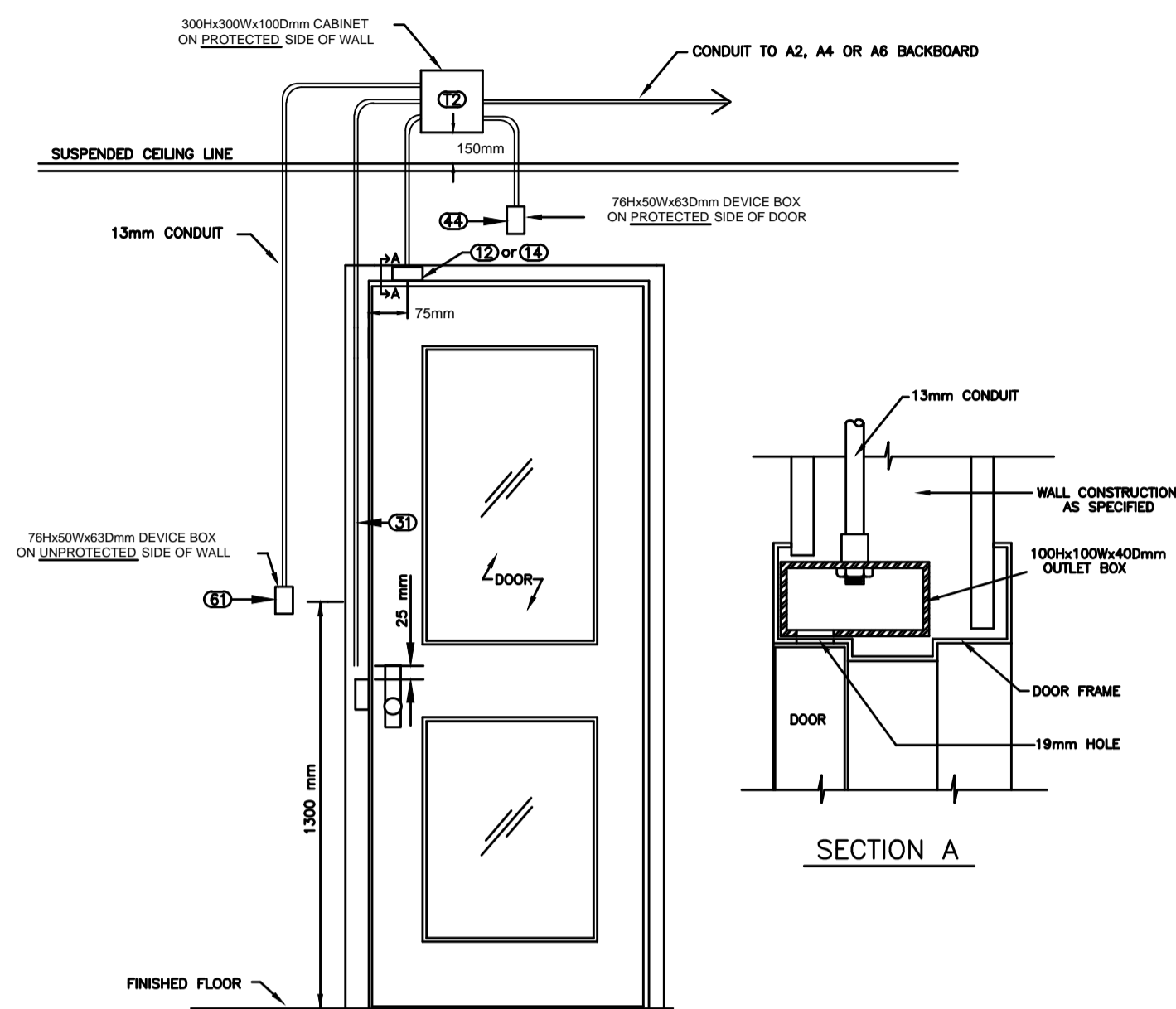
NOTES:

- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
- OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
- DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S.

File: Access Control - Single Door, wall mount reader & electric strike as of 20yy-mm-dd.dwg

Detail Drawing
ACCESS CONTROL – ELEVATION OF SINGLE DOOR
WITH DOOR CONTACT, WALL MOUNTED READER
AND ELECTRIC STRIKE



ELEVATION

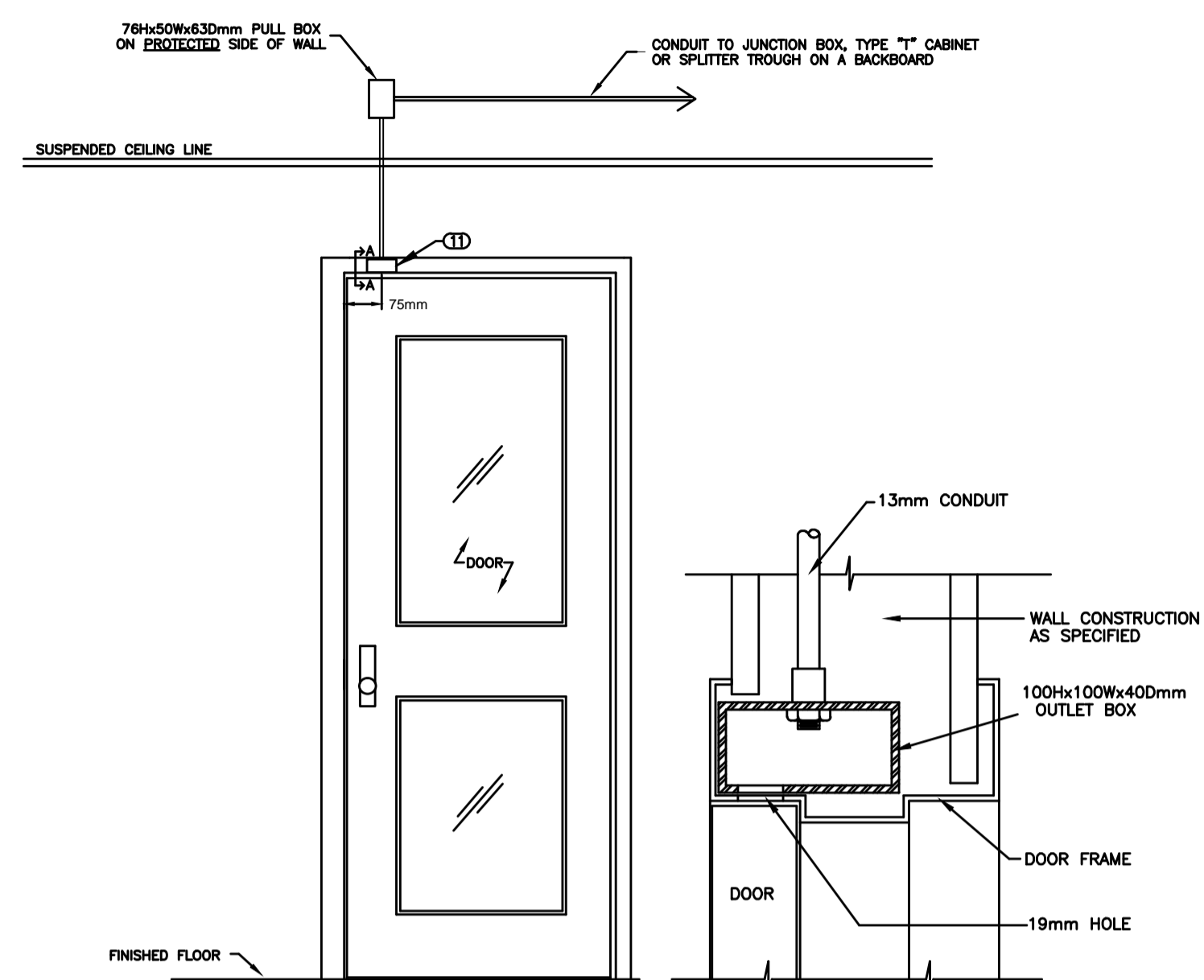
NOTES:

- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
- OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
- DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S.

File: Access Control - Single Door, wall mount reader & electric strike as of 20yy-mm-dd.dwg

Detail Drawing
PROTECTED DOOR - ELEVATION OF SINGLE DOOR
WITH DOOR CONTACT



ELEVATION

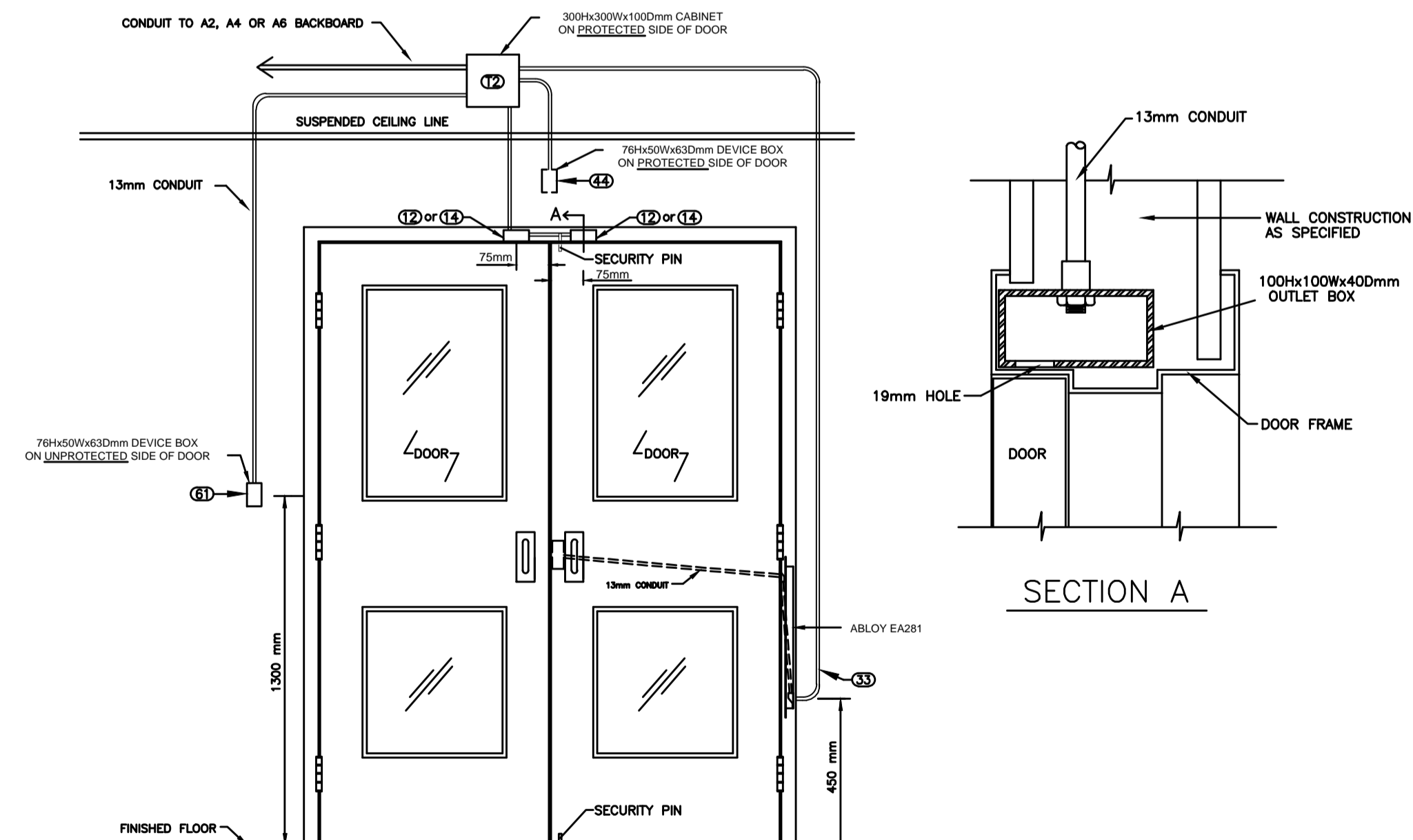
NOTES:

- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO THE OUTLET BOX BY DOOR FRAME FABRICATOR.
- OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
- DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S.

File: Data\ACAD\Detail Drawings\Protected Door - Elevation of Single Door as of 20yy-mm-dd.dwg

Detail Drawing
ACCESS CONTROL - ELEVATION OF DOUBLE DOOR (NO MULLION) WITH
DOOR CONTACTS, REQUEST TO EXIT DETECTOR AND WALL MOUNT READER



ELEVATION

NOTES:

- THE CONDUIT CONNECTOR WILL BE MOUNTED AND FASTENED TO THE JUNCTION BOX BY THE DOOR-FRAME FABRICATOR
- JUNCTION BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR
- DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING (150 MM IF USING ALTERNATE LOCATION) TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING
- ABLLOY EA281 LEAD COVER AND 13mm CONDUIT INSIDE THE DOOR TO BE PROVIDED AND INSTALLED BY DOOR FRAME FABRICATOR.

SCALE: N.T.S.

File: DATA\ACAD\DETAIL DRAWINGS\Access Control - Double Doors (NO MULLION), wall mount reader as of 20yy-mm-dd.dwg



RAL FILE: 12515
ASSOCIATION OF PROFESSIONAL ENGINEERS
OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.

NUMBER 52
PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. No. SIGNATURE
ELECTRICAL 9273

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-02-11

Project title/Titre du projet

**INTERIOR FIT-UP
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par

PTSS

Drawn by/Dessine par

PTSS

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin

**BUILDING SECURITY
CONDUIT DETAILS**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
13/2015	E7.3	0



DRAWING AUTOCAD FILE NAME: 131015_A1.dwg DATE: 2015-02-11

