

**ADDENDUM NUMBER:** TWO (02)

**ADDENDUM DATE:** December 19, 2016

**ISSUED BY:** SEPW Architecture Inc.  
102 – 3718 Kinnear Place, SK. S7P 0A6  
PH. (306) 652-6457

**PROJECT:** New Modular Police Building  
Ahtahkakoop, Saskatchewan

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications dated 2016-08-12, previous Addenda if applicable and as noted below. This Addendum consists of 9 pages.

Ensure that all parties are aware of all items included in this Addendum.

**The following revised or additional Drawings accompany and form an integral part of this Addendum:**

Dwg. No.	Title	Date of Issue
AR-03	Crawlspace Skirt Sheet Steel Under Room 132	2016/12/08
SK4	Handrail Connection Detail	2016/12/12
E7.1R1	CCTC-Alarm Systems and Access Control – AV Conduit Rough-In Plan	2016/12/19
E7.2R1	CCTV-Alarm Systems and Access Control – EAC & IDS Conduit Rough-In Plan	2016/12/19
<b>Specification Section No.</b>		

**GENERAL**

**G-2-1 REF. RCMP QUESTION & ANSWERS #02**

15. **Q:** Does the building require a BMS system?  
**A:** There is no central DDC control system specified, refer to section 23 09 33 Electric and Electronic controls and respective sections under equipment for controls.
16. **Q:** Drawing S13 to S17 notes call up for DN38 STD Wall HSS pipe, Are the pipes to be 1 ½” dia (1.9” O.D. ) STD pipes or 1 ¼” dia ( 1.66” O.D. ) pipes?  
**A:** All guardrail pipe is to be DN40 STD 240MPa pipe with OD=48.3mm.

17. **Q:** Please clarify what is desired for exterior/interior finishes on the outbuilding (garage). This includes exterior cladding, roofing, windows, doors, electrical requirements, heating requirements, interior finish ie drywall, tin etc. The drawings provided only show a plywood finish?
- A:** Refer to sections 2 & 3 on A3.2 and Construction Assembly Schedules on A0.2 & A0.3. Mechanical and electrical requirements are detailed on the mechanical and electrical drawings and specifications.
18. **Q:** By NBC building code 2010, the occupancy classification B-1 is only permitted in a building with non-combustible construction. Is the intent of the architect to apply for an alternative solution at the authorities to allow for wood –frame construction with the building permit? We would like to understand the design intent.
- A:** The design of the detachment was based on the former RCMP Detachment-Fire Protection Design Requirements document which allows for combustible construction in sprinklered single storey detachments up to 1200 m<sup>2</sup>. This document was in force at the time of the design and will be used until building completion. This document is to be used for RCMP Owned and operated detachments only otherwise the current NBC would provide construction requirements.
19. **Q:** Could you please provide the typical connections for railings posts to channel web, drawings S15 to S17 show railings are bolted to the side of channel frames. There are 2 types of connection need to be clarified, one way is for channel flange face against posts and the other is for channel flange face to the railing posts.
- A:** All guardrail to channel connections to be a bolt connection, bolted with 2-13dia bolts. See sketch SK4 for clarification.
20. **Q:** E6.1, please confirm if we can use native backfill in lieu of the specified granular backfill ovetop of the sand bedding.
- A:** Specified granular fill shall remain. Native fill could have debri and or rock which is not acceptable.
21. **Q:** Details 1 and 2 on A4.1 show a 300mm granular structure on the exterior of the building with a note to refer to Civil Drawings. Civil drawings just shows a 150mm granular base structure.
- A:** Granular structure for areas not receiving landscaping to be as noted in Section 32 11 23:
- 3.2 SURFACE GRAVEL**
- .1 Upon completion of the preparation of driving and parking surfaces, supply and place Type 104 gravel to a finished compacted depth of 150mm.*

**ARCHITECTURAL**

**A-2-1 ARCHITECTURAL REQUESTS FOR EQUALS**

1. Suppliers of approved products are responsible to ensure that the following approved equals fully meet the requirements of the specifications, and that the approved equals do not diminish both the grade of product and appearance to those products specified. The following manufacturers and products listed shall be considered as approved equals to the specified products:

Specification Section	Specified Product	Approved Equivalent
07 27 00 article 2.3	StegoWrap (15 mil)	Perminator 15 by WR Meadows
07 72 53	Metal Roof Innovations S-5! ColorGard Snow Guards	Sno Gem's iClad-S Snow Retention System
10 21 13.13	Not Specified – Performance Only	ASi Global Partitions
10 28 10 article 2.2.4	Bobrick B-2260	ASi Model N° 0811
10 28 10 article 2.2.5	Bobrick B-165 Series	ASi Model N° 0620
10 28 10 article 2.2.8	Bobrick B-223	ASi Model N° 8215
10 28 10 article 2.2.9	Not Specified – Performance Only	ASi Model N° 1204
10 28 10 article 2.2.9	Not Specified – Performance Only	ASi Model N° 1200-V

**A-2-2 REF. DRAWING A4.1 – DETAILS**

1. **Replace:** Note on detail 1 & 2 from “300mm deep granular structure (typ.). Remainder of backfill below to be free (typ.) – see Civil.” with “Provide granular structure as per Civil. Any remaining depth to be filled with free draining fill.”
2. **Add:** Detail on AR-03 attached. Detail is typical at crawlspace skirt connection around exterior perimeter of modules 17 and 18 to enclose spray foam insulation. A maximum gap of 5mm will be permitted between the sheet steel and other steel elements; any gap larger than this will have to be sealed with a fire stop material having a FSR of 25 or less.

**STRUCTURAL**

**S-2-1 REF. DRAWINGS S13 to S17 – SECTIONS / DETAILS**

1. Refer to drawings S13, S14, S15, S16 & S17. Refer to Stair Notes. Refer to note #3; revise “HAND AND GUARDRAIL HORIZONTAL MEMBERS TO BE FROM DN38 STD. WALL HSS PIPE. VERTICAL MEMBERS TO BE FROM DN38 STD. WALL PIPE.” to read “HAND AND GUARDRAIL HORIZONTAL MEMBERS TO BE FROM DN. 40 STD 240MPa PIPE WITH OD=48.3. VERTICAL MEMBERS TO BE FROM DN. 40 STD 240MPa PIPE WITH OD=48.3.”
2. Refer to sketch SK4 for handrail connection details.

**MECHANICAL**

**M-2-1 REF. SECTION 22 42 01 – PLUMBING SPECIALTIES AND ACCESSORIES**

1. 2.11 Eye Wash EW-1: Article 2.11.1 - add the following, “Removable access panels shall be secured to frame with security screws, this may be done in the field if not available from manufacturer.”

**M-2-2 REF. SECTION 22 42 20 – COMMERCIAL SHOWERS AND BATHTUBS**

3. 2.2 Shower SH-1: Article 2.2.1 replace “Acrylic” with “Acrylic or Gelcoat”.
4. 2.2 Shower SH-1: Article 2.2.1 add the following, “Cabinet to have plywood backing on all three sides.”
5. 2.2 Shower SH-1: Article 2.2.3 delete, “Cabinet – MAAX SS42”.

**ELECTRICAL**

**E-2-1 REF. SECTION 26 50 00 – LIGHTING**

6. Revise item 2.5, Type FF – The Voltage for the fixture shall be revised to 120 Volts.

**E-2-2 ELECTRICAL REQUESTS FOR EQUALS**

1. Suppliers of approved products are responsible to ensure that the following approved equals fully meet the requirements of the specifications, and that the approved equals do not diminish both the grade of product and appearance to those products specified. The following manufacturers and products listed shall be considered as approved equals to the specified products:

1. Specifications Section 26 09 24 Low Voltage Lighting Control Devices
  1. Occupancy Sensor – Wattstopper PW-311-W, Acuity WSX D-WH
2. Specifications Section 26 50 00 Lighting
  1. Type ‘BB’ – Columbia LAW4-35HL-EDU, Acuity Lithonia LBL4
  2. Type ‘CC’ – Columbia LCL4-35ML-EDU/CSHC/LCLWG4, Acuity Lithonia ZL1N
  3. Type ‘DD; - Visioneering LRTG
  4. Type ‘FF’ – Acuity Lithonia WL4, PACO PUCO-48
  5. Type ‘C’ – Acuity Lithonia LND6
  6. Type ‘D’ – Aimlite SPW
  7. Type ‘F’ – Acuity Lithonia LND6
  8. Type ‘G’ – Acuity Lithonia DSXW1
  9. Type ‘H’ – PACO PUPA-Y-2
  10. Type ‘K’ – Cree S-DL4-11L-35K / S-DL4T-M-P-W-WF
  11. Type ‘PL1’ – Acuity Lithonia DSX2 LED 80C w/ Foxfab FSSS6 Pole
  12. Type ‘PL2’ – Acuity Lithonia DSX2 LED 80C w/ Foxfab FSSS6 Pole
3. Specifications Section 26 52 00 Emergency Lighting
  1. Type E-MA – Aimlite EBN
  2. Type E-MB – Aimlite EBST
  3. Type E-MC – Aimlite EBST
  4. Type E-R2 – Aimlite RMN

**E-2-3 REF. DRAWING E7.1 – CCTV-ALARM SYSTEMS AND ACCESS CONTROL – AV CONDUIT ROUGH-IN PLAN**

1. Refer to revised access control drawings E7.1R1.

**E-2-4 REF. DRAWING E7.2 – CCTV-ALARM SYSTEMS AND ACCESS CONTROL – EAC & IDS CONDUIT ROUGH-IN PLAN**

1. Refer to revised access control drawings E7.2R1.

**CIVIL**

**C-2-1 REF. SECTION 31 22 00 – SITE GRADING**

1. Add the following paragraphs to Section 31 22 00:

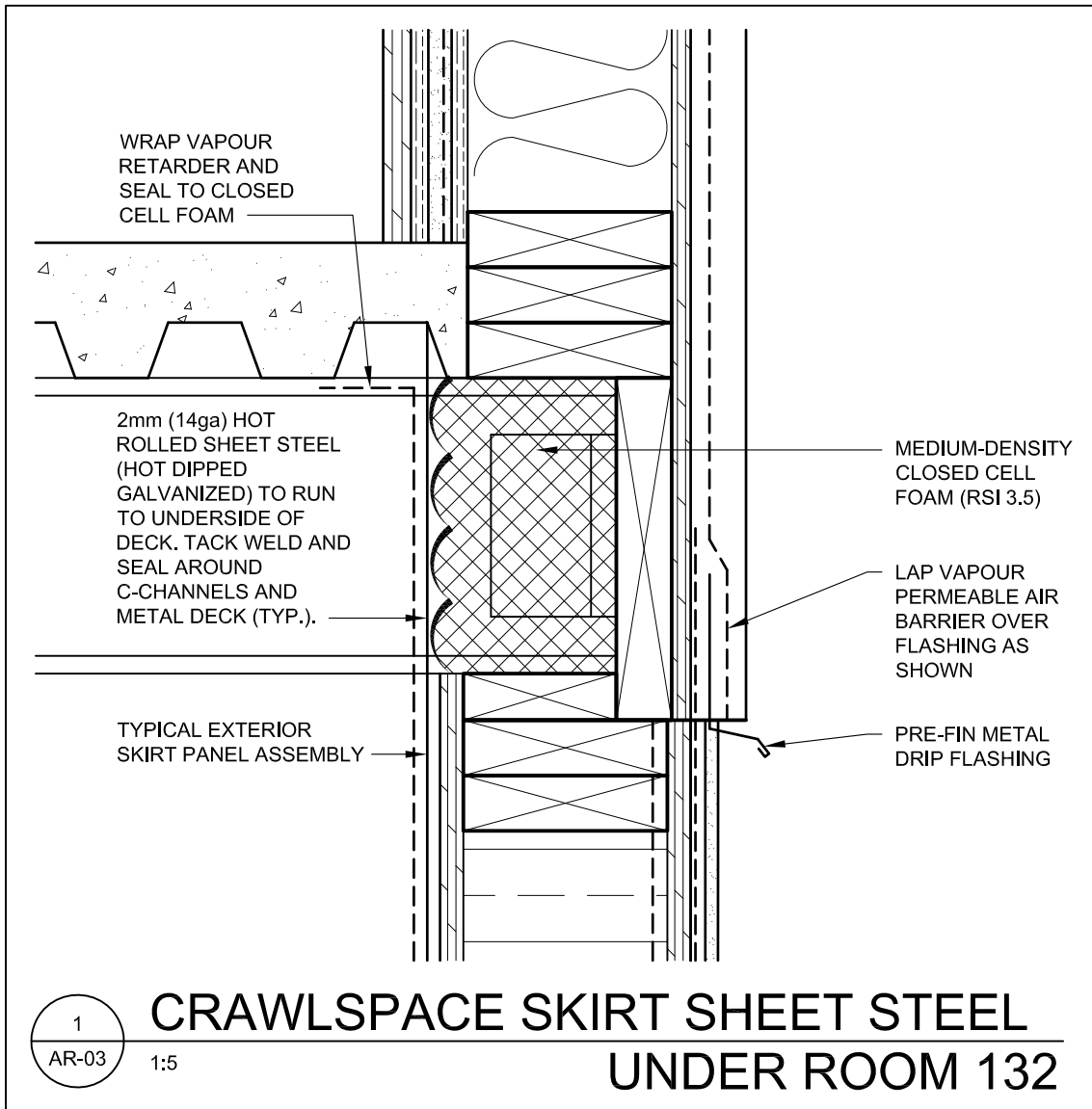
**2.2 CRAWL SPACE EXCAVATION**

- .1 Coordinate with architectural and structural drawings to excavate crawl space area to specified elevation.*
- .2 Excavate area to provide level area beneath footprint of building. Level and compact excavated area to be within 25mm of design elevation. Dispose of excess excavated material off-site if not needed to grade other areas of the site.*
- .3 Slope excavation walls beyond skirting to allow for construction of skirting.*

**2.3 SKIRTING BACKFILL**

- .1 Upon completion of skirting construction, backfill up to skirt with clean, free draining surface gravel material as specified in Section 32 11 23. Backfill in lifts of 300mm and compact to eliminate settlement. Ensure backfill material is placed to have positive drainage gradient of at least 3% away from the building unless otherwise noted or specified.*
- .2 Backfill top 300mm with granular base as specified in Section 32 11 23.*

**END OF ADDENDUM NO. 02**



**Architecture Inc.**

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PROJECT TITLE  
**NEW MODULAR POLICE BUILDING  
 AHTAHKAKOOP, SASKATCHEWAN**

DATE  
**2016.12.08**

PROJECT NO.  
**S-35-2014**

SCALE  
**AS NOTED**

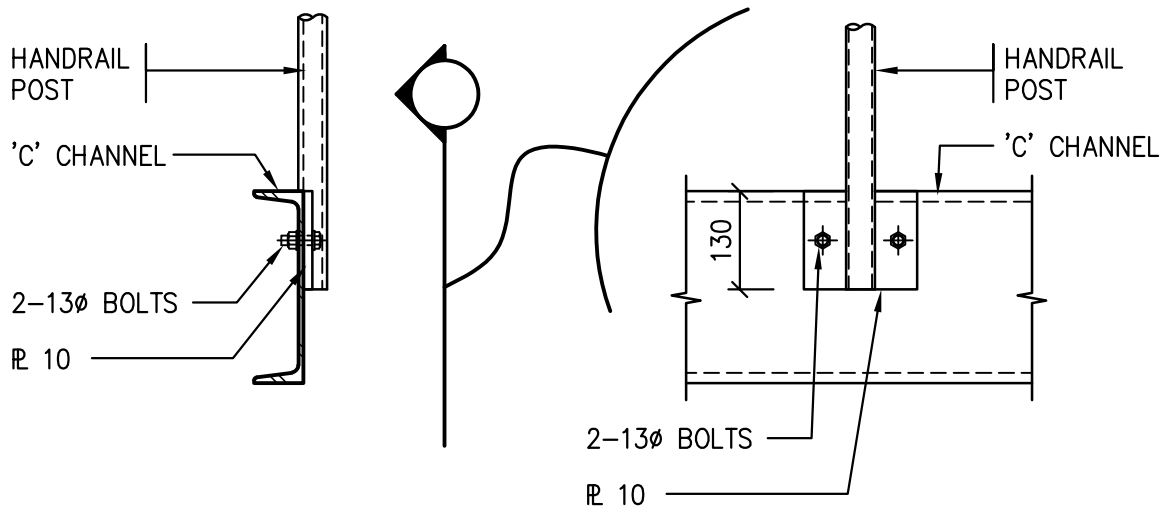
DRAWING NO.

DRAWING TITLE  
**CRAWLSPACE SKIRT SHEET STEEL UNDER ROOM 132**

DRAWN  
**JMM**

**AR-03**

CHECKED  
**JLW**

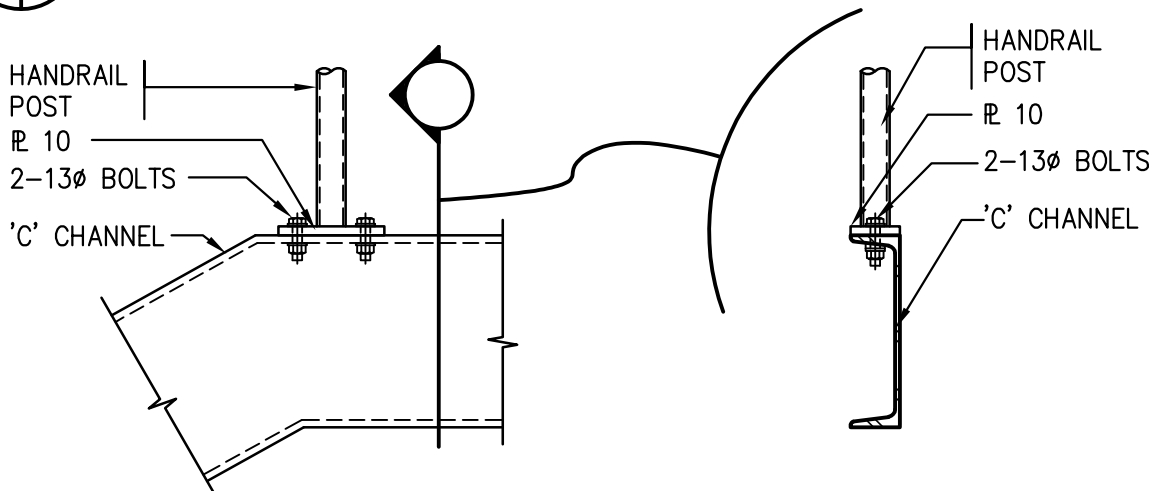


NOTE: COPE GUARD PIPE AS REQUIRED

1  
SK4 | SK4

## HANDRAIL CONNECTION DETAIL OPTION 'A'

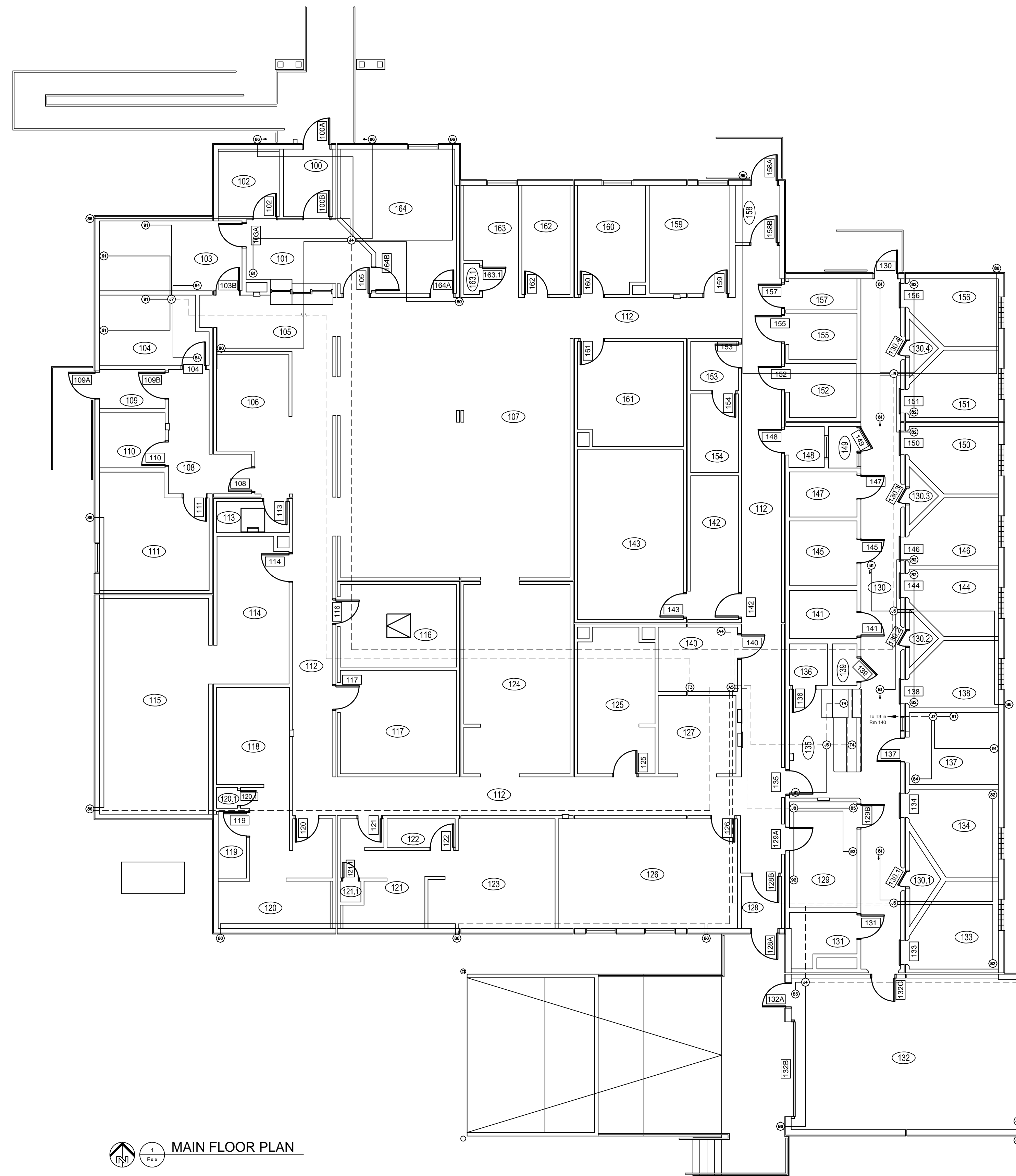
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2  
SK4 | SK4

## HANDRAIL CONNECTION DETAIL OPTION 'B'

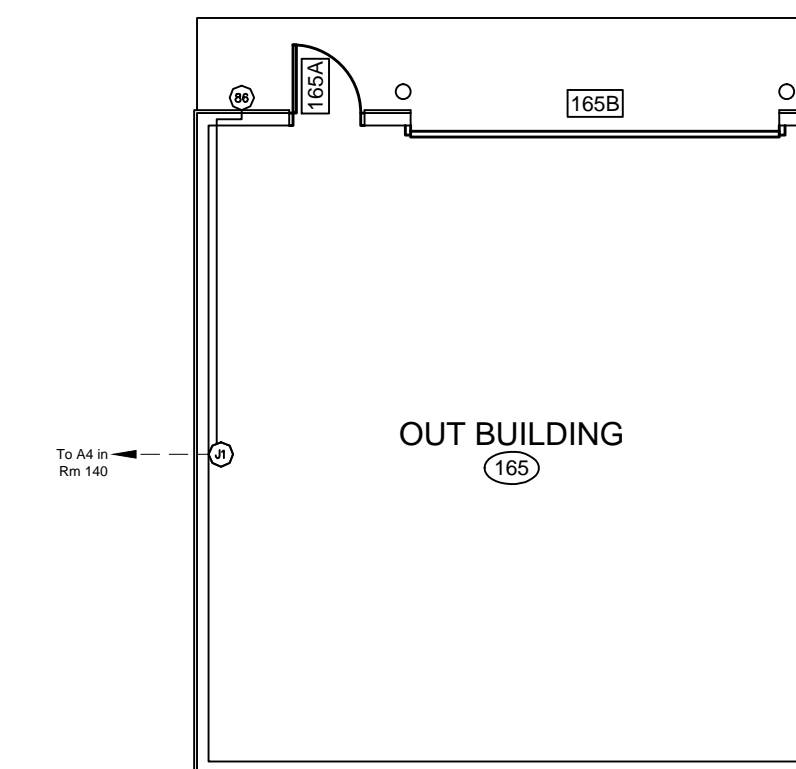
1:10



MAIN FLOOR PLAN

**DRAWING LEGEND**

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



OUT BUILDING FLOOR PLAN

**SEPW Architecture Inc.**  
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Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-08-12

Client/client

Project title/Titre du projet

**NEW MODULAR POLICE BUILDING  
 AHTAHKAKOOP, SASKATCHEWAN**

Approved by/Approve par  
 SBK

Designed by/Concept par  
 KAD

Drawn by/Dessine par  
 KAD

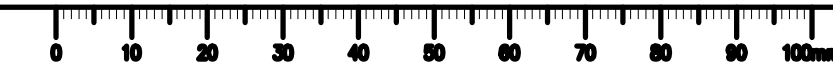
Project Manager/Administrateur de Projets

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

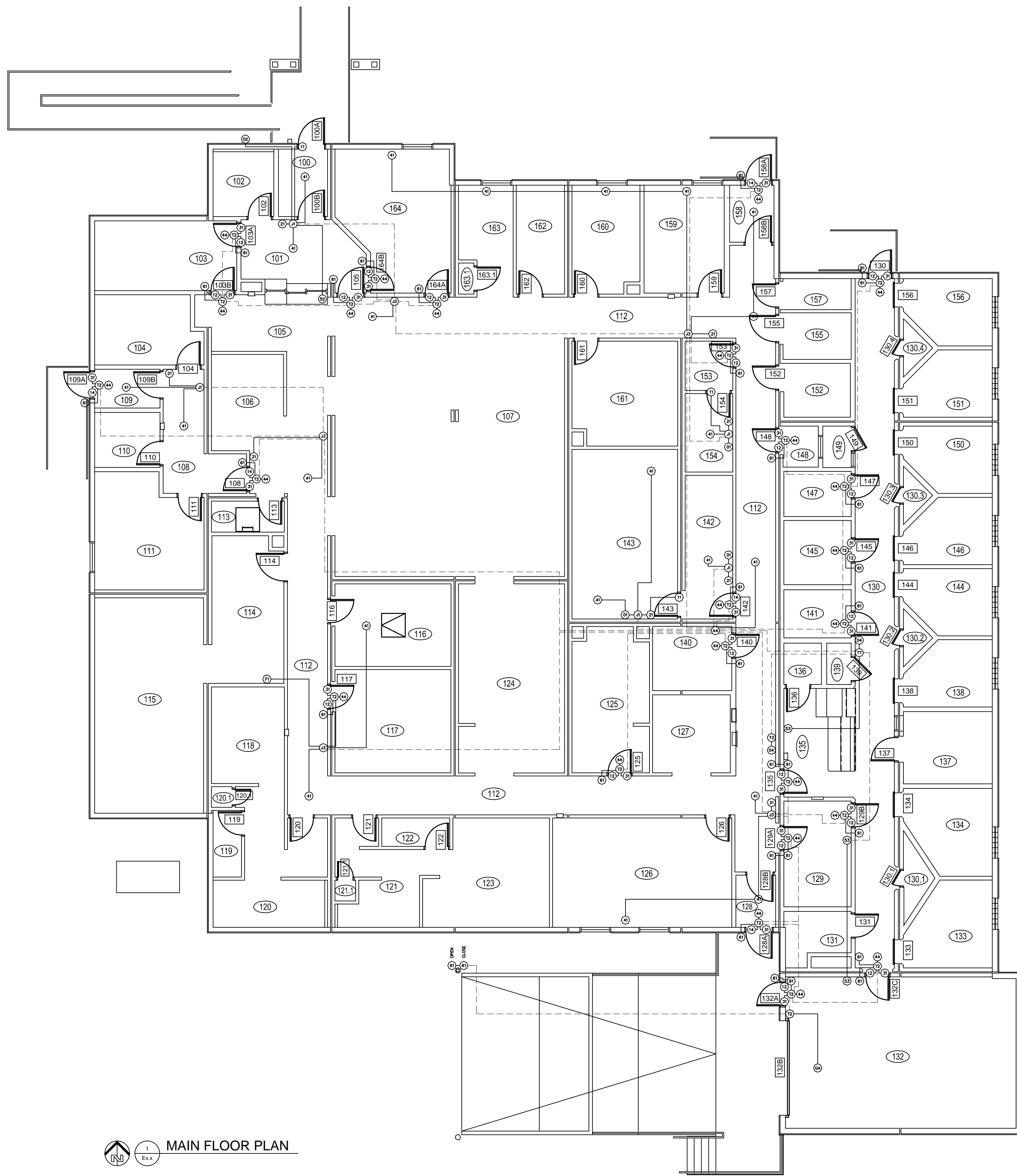
Client/client

Drawing title/Titre du dessin  
**CCTV-ALARM SYSTEMS AND  
 ACCESS CONTROL - AV CONDUIT  
 ROUGH-IN PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
S-35-2014	E7.1R1	0

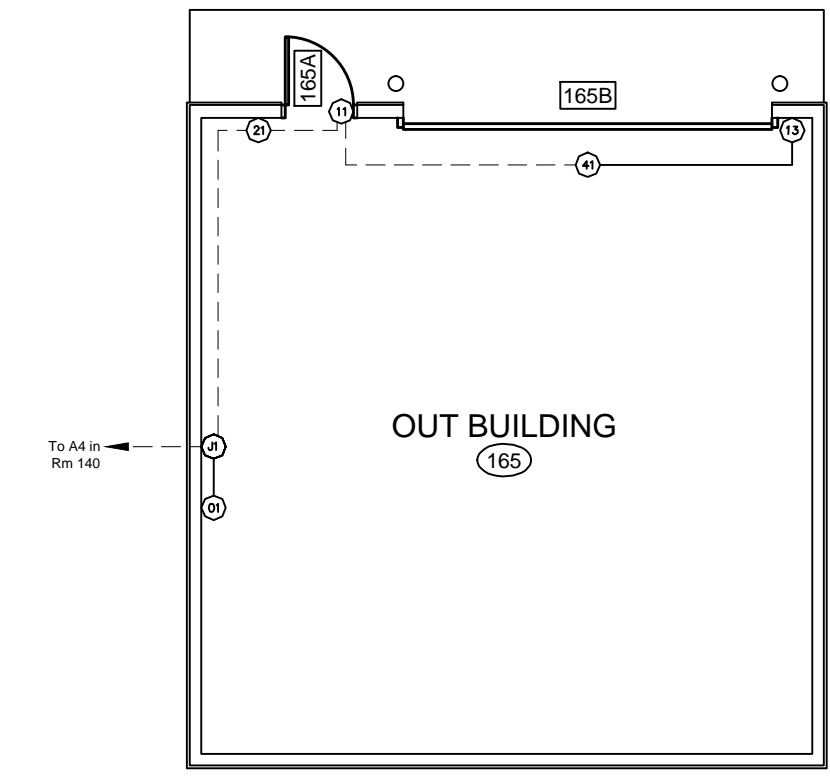






1 MAIN FLOOR PLAN

**DRAWING LEGEND**  
 — 13mm Conduit unless specified otherwise  
 - - - Conduit sized to fit cables unless specified otherwise (minimum 13mm)



2 OUT BUILDING FLOOR PLAN

**SEPW Architecture Inc.**  
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Revision/Édition	Description/Description	Date/Date
0	ISSUED FOR TENDER	2016-08-12

Project title/Titre du projet  
**NEW MODULAR POLICE BUILDING**  
**AHTAHKAKOOP, SASKATCHEWAN**

Approved by/Approuvé par  
 SBK  
 Designed by/Concept par  
 KAD  
 Drawn by/Dessiné 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  
**CCTV-ALARM SYSTEMS AND**  
**ACCESS CONTROL - EAC & IDS**  
**CONDUIT ROUGH-IN PLAN**

Project No./No. du projet S-35-2014	Sheet/Fauille E7.2R1	Revision no./ La Révision no. 0
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