

ADDENDUM NUMBER: THREE (03)

ADDENDUM DATE: January 05, 2017

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 18 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
SK3-R1	HSS Frame Layout	2017/01/04
SK5	HSS to Floor Framing Con. Detail – Units 1-16	2017/01/04
SK6	Revised Floor Framing Unit 15	2017/01/04
SK7	Revised Roof Framing on Unit 15	2017/01/04
SK8	Typ. Floor Framing Detail	2017/01/04
SK9	Partial Pile Plan	2017/01/04
SK10	Floor Plan – Unit 14	2017/01/04
M4.1-R01	Crawlspace Plan Ventilation Rooms 136 and 139	2017/01/04
M4.3-R01	Main Floor Plan Ceiling Ventilation Rooms 136 and 139	2017/01/04
Specification Section No.		

GENERAL

G-3-1 REF. RCMP QUESTION & ANSWERS #03

22. **Q:** Detail A/ S0 shows 2 typical anchor bolts, which type is applicable to this project?

A: Either detail is acceptable. Grade of anchors bolts to be grade 260W as per specification.

23. **Q:** Could you please provide the dimensions of the secure grill which is shown on detail 8 & 5 /A2.12?

A: Refer to M4.2 for the specified grill.

24. **Q:** A2.1, Flattened steel mesh, 14ga sheet metals, bent clips angles, are those items to be supplied by steel fabricator? Or partition wall supplier? Wood framing supplier?
A: Steel mesh, sheet metal, and clip angles are to meet the performance requirements of the drawings and specifications. These products can be supplied by anyone who can meet these requirements.
25. **Q:** Could you please provide detailed specification the 8mm flat head security screws, 6mm plenum bolts and 10mm dia through bolts as shown in detail 8/A2.12? Also could you please clarify the space of the 6mm plenum bolt and 8mm flat head security screws?
A: Pinned Torx registered security screws and bolts are acceptable for use in secure areas. Coordinate spacing of bolts and screws with steel fabricator and grill supplier.
26. **Q:** Detail 2/A2.1, what is the dashed line at section C-C & D-D at side of 14ga steel galvanized plates?
A: The dashed line is the vapour retarder as per detail 1 & 2 on A4.1.
27. **Q:** M6.1 calls up mechanical supplier to include the angle frames of mechanical openings, but those angle frames also are showed on drawing A4.8, are those frames to be by mechanical supplier or steel fabricator?
A: The angle frames are to be by the mechanical supplier.
28. **Q:** Could you clarify the typical security screws for steel to wood frames as shown in detail 3/A2.12?
A: See response to question 25.
29. **Q:** Detail 5/A2.12, Are the 3mm steel bent plate jambs to be supplied by detention door supplier?
A: No. Refer to section 05 50 00.
30. **Q:** E6.1, please confirm if we can use native backfill in lieu of the specified granular backfill ovetop of the sand bedding.
A: Backfill shall be granular fill as per detail 1 on Drawing E6.1.
31. **Q:** Metal fabrication 05 50 00 page 5/10, section 2.23 calls up secure bay trench grates, angles and pan. None is shown on drawings.
A: Refer to 1/A2.2, S11, M2.2, and section 22 42 01 for trench drain location and specification.
32. **Q:** Detail 2, 3/ S11 call for detail at interior wall in Units 3 & 6, but Units 3 & 6 are by wood framings. Are those details for Unit #17 & 18?
A: Details 2-4 on drawing S11 refer to units 17 and 18. Clarification issued in Addendum #3 below.
33. **Q:** Detail 5, 6/S11 call for trench drain see Mech. dwgs, but mech drawings do not show the dimensions.
A: The length of the trench drain is shown on A2.2. Refer to section 22 42 01 for the trench drain width and specification. Framing needs to be co-ordinated with trench drain shop drawings.

34. **Q:** Detail 7/S11 for typical 3 ply built up column, but 3 ply built up columns are not shown on plan view drawings.
A: Total jamb and trimmer number of studs totaling 3 or more require detail.
35. **Q:** Just want to confirm where the wire mesh is going to be required. Drawing S3 notes say units 13 & 14 but the sections show units 17 & 18. Drawing S11 sections 2, 3 & 4 show units 3 & 4.
A: Will be required at units 17 and 18 only. Clarification issued in Addendum #3 below.
36. **Q:** Section 06 40 00, Part 2.5.4.1 - The cabinet pull specified (Richelieu 616743128174) is an edge pull intended to be mounted on the edge of cabinet doors and drawer fronts (no product data found for Hettich Zinc Modern 043 981). The tender prints show pulls located in 'standard' pull locations; inset from edges. Is it the intent to have pulls located on door / drawer edges? If not, please provide a recessed metal pull for use at 'standard' locations.
A: Provide the pulls as per the specifications.
37. **Q:** Section 06 40 00, Part 2.4.3 – States recessed shelf standards are to be used. Section 2.5.3 states safety shelf support pin for 5mm diameter holes. Are recessed shelf standards (and accompanying metal shelf support clips) or shelf holes with noted steel pins to be used for adjustable shelves?
A: Provide shelf holes with the noted steel pins.
38. **Q:** Section 06 40 00, Part 2.3.4.1 - States Countertop edge is to use 3mm PVC edge. Part 2.4.10 states to use straight self-edge laminate strip...to cover exposed edge of core material. Is self-edge laminate or PVC edge desired for countertops?
A: Provide the 3mm PVC edge.
39. **Q:** Section 06 40 00, Part 2.4.11 – States to apply *laminat*e backing sheet to reverse side of core of plastic laminate work. Can Pionite Backing Sheets Type (B20) be used as a substitution for laminate? Please see link.
<https://www.panoram.com/media/pdfs/1454620248Backing%20SheetsTech%20Bulletin.pdf>
A: No.
40. **Q:** The locations for the parking lot receptacles are not shown on the site plan drawing. Please specify what stalls are to receive power so we know quantity and wiring lengths.
A: Receptacles for car parking are mounted on the building in locations shown on Drawing E3.1.
41. **Q:** Please provide details on the construction of the parking rails. Are they wooden, metal posts only, metal post and rails, or other?
A: Parking rails are not required.
42. **Q:** How do they want to attach the HSS steel frame with PT wood to the modular floors. The drawing details shown in the structural and architectural does not give a full detail or detailed explanation how they want to achieve this. The system has a huge failure factor in it.
A: Connection details clarified in addendum #3 below.

43. **Q:** Generator, is this supplied by the Contractor?
A: The generator is not part of the contract and will be supplied by the Owner.
44. **Q:** If Generator supplied by Contractor please provide the specifications.
A: N/A
45. **Q:** Provide detail for concrete pad for the Generator.
A: There will not be a concrete pad for the portable generator.
46. **Q:** We require wall schedule for Building 165.
A: Refer to A2.2 and A3.2 for Building 165 construction types and A0.2 and A0.3 for the construction type schedules.
47. **Q:** The spec calls for epoxy caulk – assuming that they mean polyuria as this is the proper product for the application – does the client want this tinted to the colour of the pigmented concrete? Also, will the epoxy application will be clear coat to expose the pigmented concrete?
A: Refer to section 07 92 00. Colour to be selected by consultant.
48. **Q:** I still need further clarification of the HSS frames for Unit 1-16, according to Addendum #1 page 3/33, section 12, HSS to cantilever widthwise for all the units except 17 & 18, are all the HSS at widthwise for Unit #1 -# 16 to be cantilevered? From my interpretation, only HSS at each side of widthwise (2 pcs for each unit) are to be cantilevered, is that correct?
A: Clarified by sketch in addendum #3 below.
49. **Q:** Are the structural steel members going to be primed as per Section 051223, *Part 2.3.2* or galvanized as per Section 051223, *Part 2.3.3*?
A: All structural steel HSS frames to be primed as per the structural specifications. Any members called up as being galvanized are not required to be primed.
50. **Q:** As we are having size restrictions in galvanizing the structural members (after welding/fabrication); can we bolt them once galvanized?
A: Yes the bolting connections are fine.
51. **Q:** Are concrete pilings an option in place of the driven timber piles?
A: Concrete piles are not an acceptable alternative to the timber piles.
52. **Q:** Will a stamp of delivery from the courier be accepted as a time of submission?
A: Yes, if delivered by courier the time of receipt of document will be recorded as the time of receipt.
53. **Q:** Is there a Bill of Materials available?
A: No.
54. **Q:** Does the Aboriginal Benefit refer only to spend, or to a total of spend, labour and community investment?
A: Aboriginal Benefit refers to the dollar value of aboriginal supply/labour.

55. **Q:** Can you please provide a date for site access to begin construction?
A: Commencement of work will be asap after Contract award. Depending on successful Contractor response time, Contract award may be a delayed up to 6 weeks after tender closing.
56. **Q:** Can you please provide a list of expected milestone dates for construction?
A: The Contractor, in conjunction with the Project Manager will develop appropriate milestones after Contract award.
57. **Q:** Can you please provide an estimated date of award for this contract?
A: See answer#55.
58. **Q:** 10 28 10 2.2.5 calls for a tempered glass mirror but the product number called up, B165 is for standard plate glass. For a tempered glass mirror, the number should be B1658 and then the size. Someone may price by number rather than description and price the cheaper plate glass mirrors in error.
A: Revise acceptable mirror from B-165 to B-1658.
59. **Q:** 10 11 00 2.2.2.5.1 calls for CP Distributors Fabrictac 2EP tackboards but the description above this describes a 15 oz. vinyl tackboard. Please clarify.
A: A standard fabric tweed pattern (Fabrictac 2EP) or a 15oz. vinyl (Vin-tac Vinyl) tackboard can be used as both are listed as acceptable products.
60. **Q:** The electrical single line shows both 120/240V single phase power and 120/208 3 phase power can verify what the service is supposed to be on site? It looks like the emergency panel is 120/240V 1 phase and the main service is 120/208V 3 phase I would just like to make sure.
A: The main electrical service from SaskPower to the building is 120/208 Volt, 3 Phase. The emergency panel is rated at 120/240 Volt, 1 Phase to accommodate the Owner supplied generator, when connected.
61. **Q:** Where is the site actually located?
A: Please refer to the Geotechnical Report for precise coordinates of the site. Refer to attached addendum for further information.
62. **Q:** Section 01 45 00-Quality Control is not definitive. Does the Owner pay for all testing (except for that that is found to be defective)?
A: Refer to individual specification sections for testing requirements. General contractor pays for all testing except in circumstances noted in section 01 45 00.
63. **Q:** Section 01 91 13 General Commissioning (CX) Requirements: Could you please advise who the CXA (commissioning Authority) is on this project.
A: The Cx Authority will be identified by the Owner at project initiation.
64. **Q:** Could you advise on any firm (s) you have worked with through the design of the modular buildings such that we can get in contact with them accordingly?
A: The RCMP has not been in contact with any such firms.

65. **Q:** We note that there is a requirement of have a minimum of 10% of the total contract value, consisting aboriginal content. Speaking to this project specifically, the buildings are to be manufactured off site in a controlled environment, eliminating the possibility of significant on site labor and the purchase of on reserve materials to construct the same. The probability of getting 10% of the total contract value to be of aboriginal content is highly unlikely, although there may be firms in the industry with aboriginal partnerships that could achieve this. Having said this, if this were the case, then the tender process is not really open bidding but is isolated to those firms in aboriginal partnership.

A: The tender process is open to anyone who can perform the work as described.

ARCHITECTURAL

A-3-1 ARCHITECTURAL REQUESTS FOR EQUALS

- 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 2.4	Blueskin VP 160	WrapShield SA Self Adhered by VaproShield
07 27 00 article 2.4	Blueskin VP 160	SRP Air Outshield SA 280
09 65 16 article 2.1	Polyflor Polysafe Verona	Altro Symphonia
09 65 16 article 2.2	Polyflor Polysafe Hydro Evolve	Tarkett Granit Multisafe
10 51 13 article 2.1	Shanahan’s Police and Crew Series, Double Door	Lincora Security Locker

A-3-2 REF. SECTION 06 40 00 – ARCHITECTURAL WOODWORK

- Revise:** article 2.4.3 to read “*Shop install cabinet hardware for doors, shelves, and drawers.*”
- Revise:** article 2.4.10 to read “*Use 3mm PVC edge for flatwork to cover exposed edge of core material.*”

A-3-3 REF. SECTION 10 28 10 – TOILET AND BATH ACCESSORIES

- Revise:** article 2.2.5.4 to read “*Acceptable material: Bobrick B-1658 Series or approved alternate.*”

A-3-4 REF. DRAWING A1.1 – SITE PLAN & SITE DETAILS

- Replace:** Note on Site Plan “*Highway 790*” with “*Highway 695*”. Revise similar note on E1.1 and L-01.

A-3-5 REF. DRAWING A2.3 – REFLECTED CEILING PLAN

- Continue 400mm wide (2440mm A.F.F.) fire rated bulkhead shown in rooms 147, 148, & 152 through rooms 155 and 157 for the dryer vent. Revise reflected ceiling plan 6/A2.9 to match.

STRUCTURAL

S-3-1 REF. DRAWINGS S0 – TYPICAL DETAILS

1. Add sketch SK8, Typ. Floor Opening Detail.

S-3-2 REF. DRAWINGS S1 – KEY PLAN, PILE PLAN

1. See 1/S1. Revise pile layout as per sketch SK9.

S-3-3 REF. DRAWINGS S2 – FLOOR PLANS UNITS 1-12

1. Refer to “*Notes Apply to Units 1-12, 15-18/S2 & S3*”. Revise title from “*Units 1-12, 15-18/S2 & S3*” to “*Units 1-16/S2 & S3*”.

S-3-4 REF. DRAWINGS S3 – FLOOR PLANS UNITS 13-18

1. Floor plan 4/S3. Revise layout as per sketch SK10
2. Floor Plan 5/S3. Replace Floor Plan with sketch SK6. The floor framing has been revised to provide drop in floor framing for shower.
3. Refer to “*Notes Apply to Units 13 & 14/S3*”. Revise title from “*Units 13 & 14*” to “*Units 17 & 18*”.
4. Refer to “*Notes Apply to Units 1-12, 15-18/S2 & S3*”. Revise title from “*Units 1-12, 15-18/S2 & S3*” to “*Units 1-16/S2 & S3*”.

S-3-5 REF. DRAWINGS S5 – ROOF PLANS UNITS 13-18

1. Roof Plan 6/S5. Replace Roof Plan with sketch SK7. The roof plan layout has been revised to accommodate mechanical duct work.

S-3-6 REF. DRAWINGS S6 to S9 & S11 – SECTIONS / DETAILS

1. Refer to sketch SK5 HSS to Floor Framing Connection Detail for Units 1-16. This sketch is to replace the hurricane clip note for connecting the floor frames to the HSS frames.

S-3-7 REF. DRAWINGS S11 – SECTIONS / DETAILS

1. Refer to 2/S11 revise detail title from “*Connection Detail Between Units 3 & 6 at Conc. Slab on Metal Deck*” to read “*Connection Detail Between Units 17 & 18 At Conc. Slab on Metal Deck*”.
2. Refer to 4/S11 revise detail title from “*Detail At O.H. & Man Door Location in Unit 3*” to read “*Detail At O.H. & Man Door Location in Unit 17*”.

S-3-8 REF. DRAWINGS S13 to S17 – SECTIONS / DETAILS

1. Provide ¾”-#9R galvanized expanded metal grating c/w bonded shear edges at all exterior grating locations. Expanded metal panel size to match grating panels and are to be by shop welding at maximum 300mm intervals in all directions prior to galvanizing.

S-3-9 REF. DRAWINGS SK3 – HSS FRAME DETAIL

1. Replace sketch SK3 with sketch SK3-R1.

MECHANICAL

M-3-1 REF. SECTION 22 42 01 – PLUMBING SPECIALTIES AND ACCESSORIES

1. Under Article 2.1 Floor Drains, under 2.6.2 replace, “*Refer to Controls Division 25 for operating parameters*” with the following, “*Refer to Section 23 09 33 Electric and Electronic controls for operating parameters and to coordinate with controls.*”

M-3-2 REF. SECTION 25 52 40 – BOILERS

1. Under Article 2.6 Controls, replace Article 2.1.3 in its entirety with the following:
 - “.3 *FD-1 Regular Floor Drain*
 - .1 *Epoxy coated cast iron wood floor drain with 5"(127) round adjustable heel proof nickel bronze top, steel securing flange with countersunk holes and no hub (standard) outlet. Drain to have safe live load of 2000-4999 lbs.*
 - .2 *Provide removable perforated sediment bucket for shower and washroom floor drains.*
 - .3 *Provide oval nickel bronze funnel for floor drains utilized for equipment or service drainage.*

M-3-3 REF. DRAWING M1.2 – SITE PLAN, EQUIPMENT SCHEDULE

1. Under Hot Water Unit Heater Schedule, .revise arrangement for FF-3 and FF-5 to Arrangement 24.
2. Under Hot Water Unit Heater Schedule, .add the following note to Cabinet Unit Heater, *“Coordinate framing for cabinet unit heaters recessed within ceiling tile (Arrangement 24) with other trades.”*

M-3-4 REF. DRAWING M2.1 – CRAWLSPACE PLUMBING PLAN

1. To coordinate with structural framing around Room 139, the supply risers for Shower SH-2 in Room 139 shall rise up within the wall between Room 141 and 136. Coordinate plumbing riser location with duct risers within same wall.

M-3-5 REF. DRAWING M2.2 – MAIN FLOOR PLUMBING PLAN

1. To coordinate with structural framing around Room 139, the supply risers for Shower SH-2 in Room 139 shall rise up within the wall between 141 and 136. The lines shall rise to high level and route exposed along ceiling within Room 141 to drop down tight to wall to serve surface mounted shower valve.

M-3-6 REF. DRAWING M4.1 – CRAWLSPACE VENTILATION PLAN

1. Refer to attached sketch M4.1-R01 for modification to duct routing at Room 136 and Room 139.

M-3-7 REF. DRAWING M4.2 – MAIN FLOOR LOWER VENTILATION PLAN

1. Refer to attached sketch M4.3-R01 and coordinate duct risers serving Room 136 and 139 to match new riser location.
2. Coordinate location of supply riser and associated S/A grille in Room 130 with HSS beam in crawlspace, offset North of location indicated on drawing.
3. Coordinate location of supply riser and associated S/A grille in Room 157 with HSS beam in crawlspace, offset North of location indicated on drawing.
4. Coordinate location of supply riser and associated S/A grille in Room 129 with HSS beam in crawlspace, offset North of location indicated on drawing.
5. Coordinate location of supply riser and associated S/A grille in Room 137 with HSS beam in crawlspace, offset West of location indicated on drawing. Grille to be located as close to South wall as possible.
6. Coordinate location of supply riser and associated S/A grille in Room 108 with HSS beam in crawlspace, offset West of location indicated on drawing. Grille to be located as close to South wall as possible.

7. Coordinate location of supply riser and associated S/A grille in Room 102 with HSS beam in crawlspace, offset West of location indicated on drawing. Grille to be located as close to South wall as possible.

M-3-8 REF. DRAWING M4.3 – MAIN FLOOR CEILING VENTILATION PLAN

1. Refer to attached sketch M4.3-R01 for modification to duct routing at Room 136 and Room 139.

M-3-9 REF. DRAWING M6.1 – DETAILS

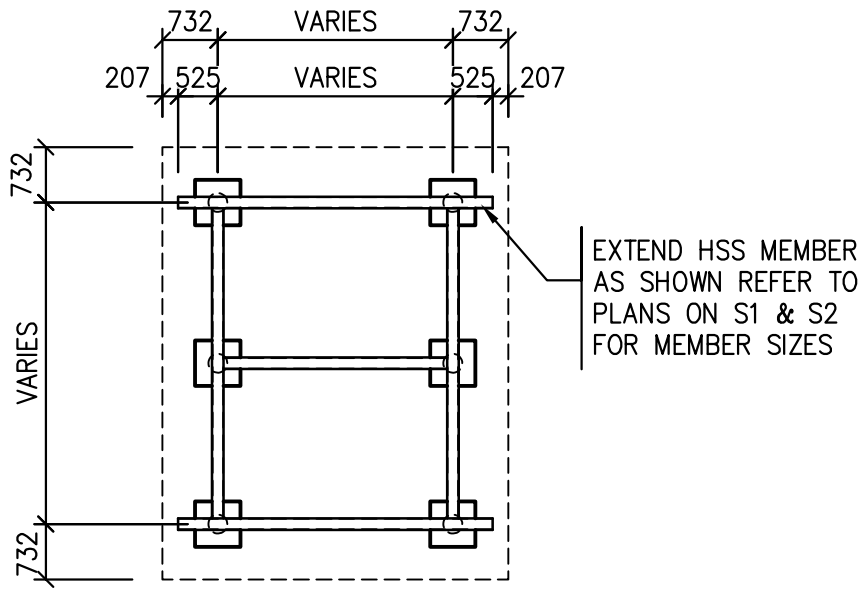
1. Under Security Duct Penetration Detail (For Ducts larger than 300x300) add the following note, “*Mechanical shall provide angle irons, where required, for all secure duct penetrations. Angle irons shall be prime painted where exposed and may be galvanized finish where concealed. Contractor shall confirm attack side of each and every penetration prior to mounting security bars.*”
2. Under Security Duct Penetration Detail (For Ducts larger than 300x300) add the following note, “*Wherever physically possible, the fire or fire/smoke damper shall be installed within the plane of the fire separation. If there are locations where out-of-wall fire dampers are required, request confirmation prior to commencing work.*”

ELECTRICAL

E-3-1 REF. DRAWING E1.1 – ELECTRICAL SITE PLAN AND SYMBOL SCHEDULE

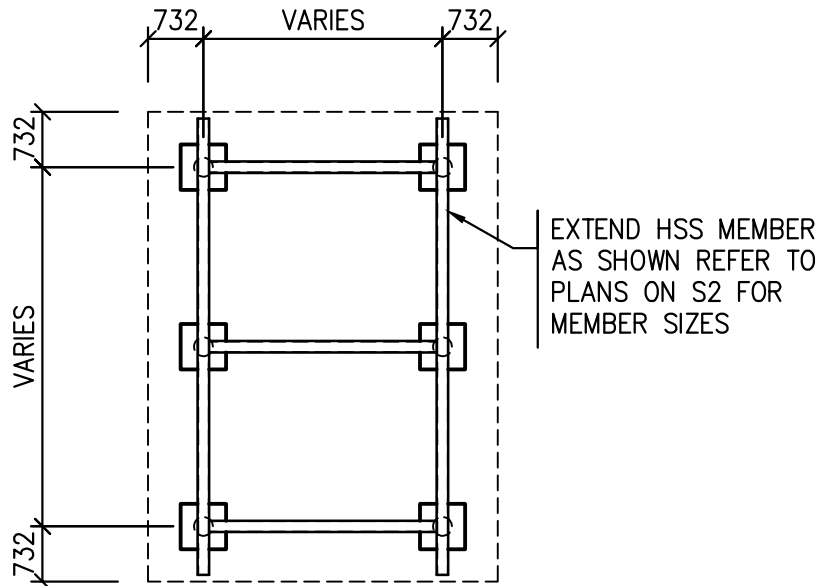
1. Delete reference to Concrete Pad for Portable Generator. A concrete pad is not required as part of the project.

END OF ADDENDUM NO. 03



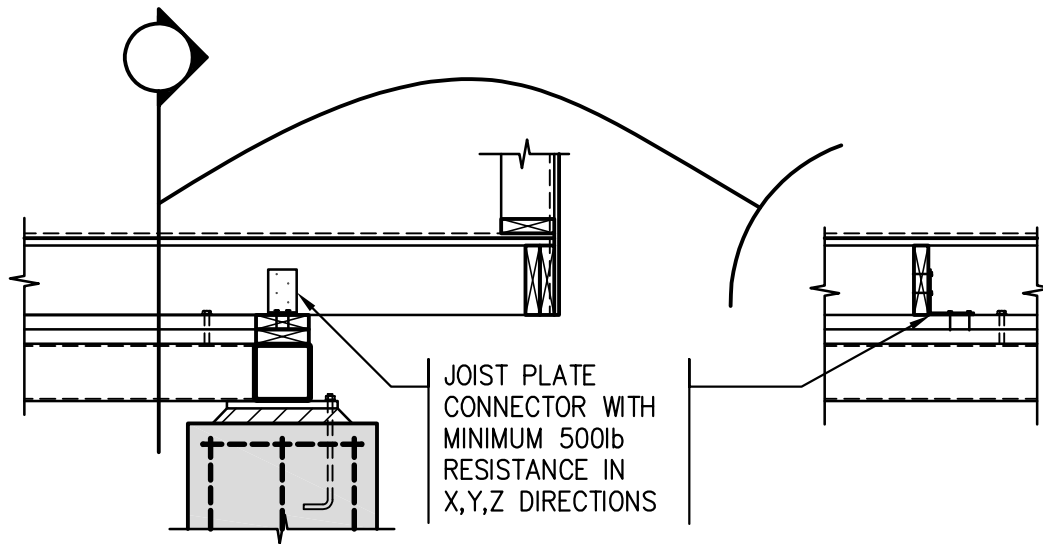
HSS FRAME LAYOUT PLAN FOR UNITS 1-16

1:100



HSS FRAME LAYOUT PLAN FOR UNITS 17-18

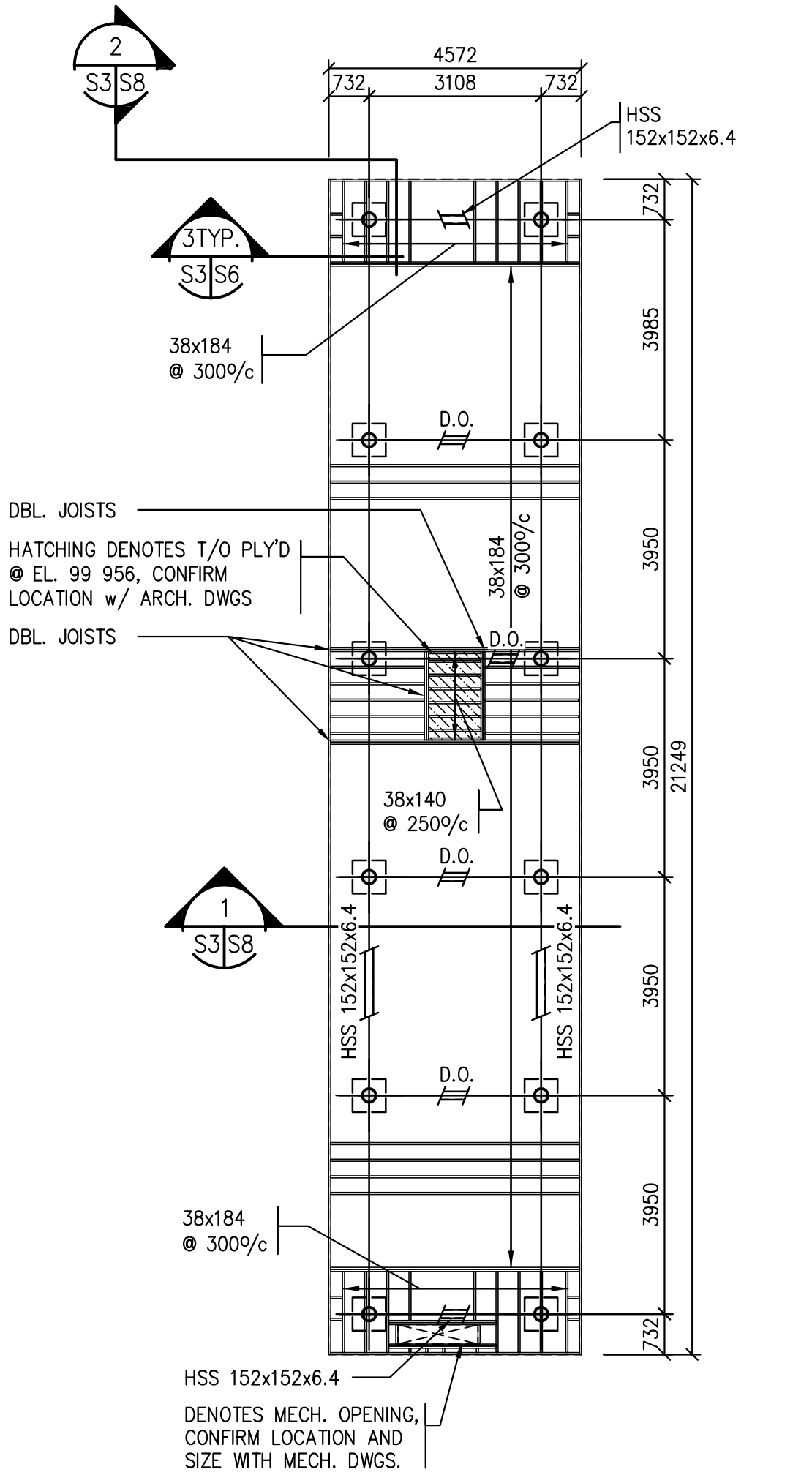
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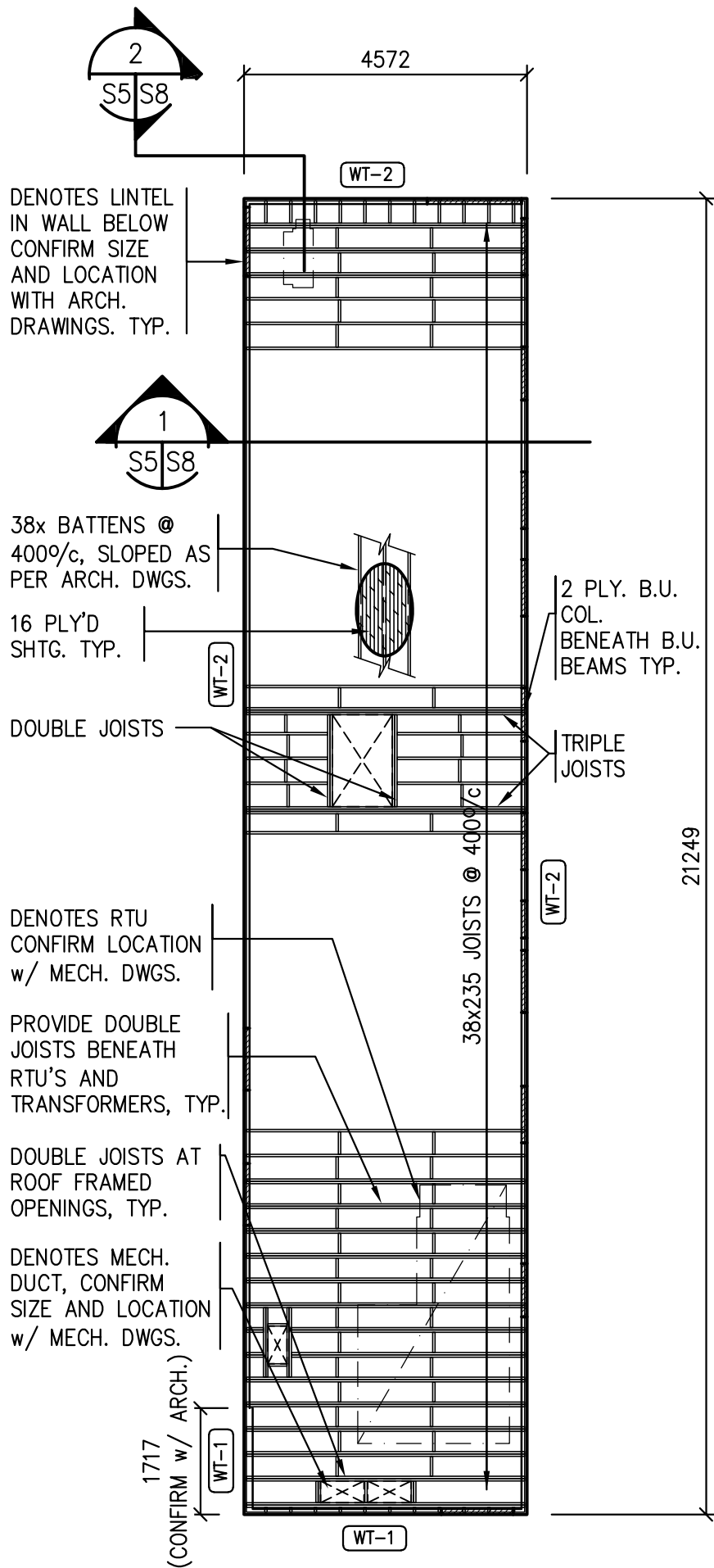
1
SK5 | SK5

HSS TO FLOOR FRAMING CONNECTION DETAIL
FOR UNITS 1-16

1:20



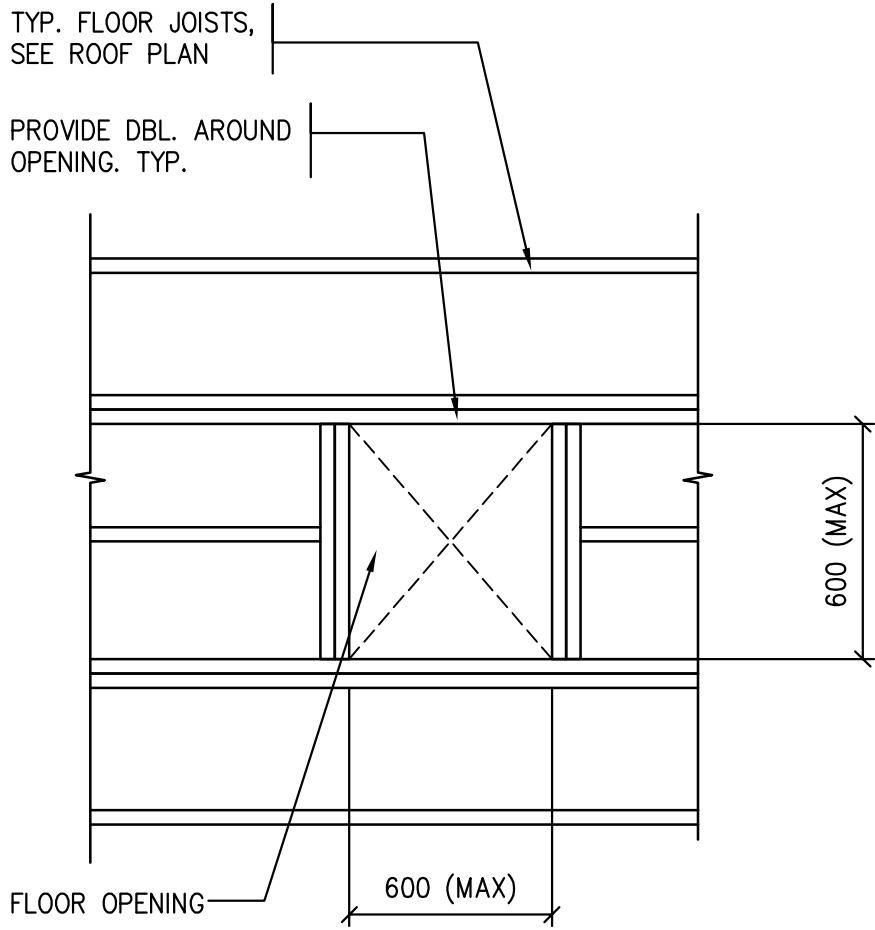
5 FLOOR PLAN – UNIT 15
S1/S3 1:100



6 ROOF PLAN – UNIT 15
S1 | S5 1:100

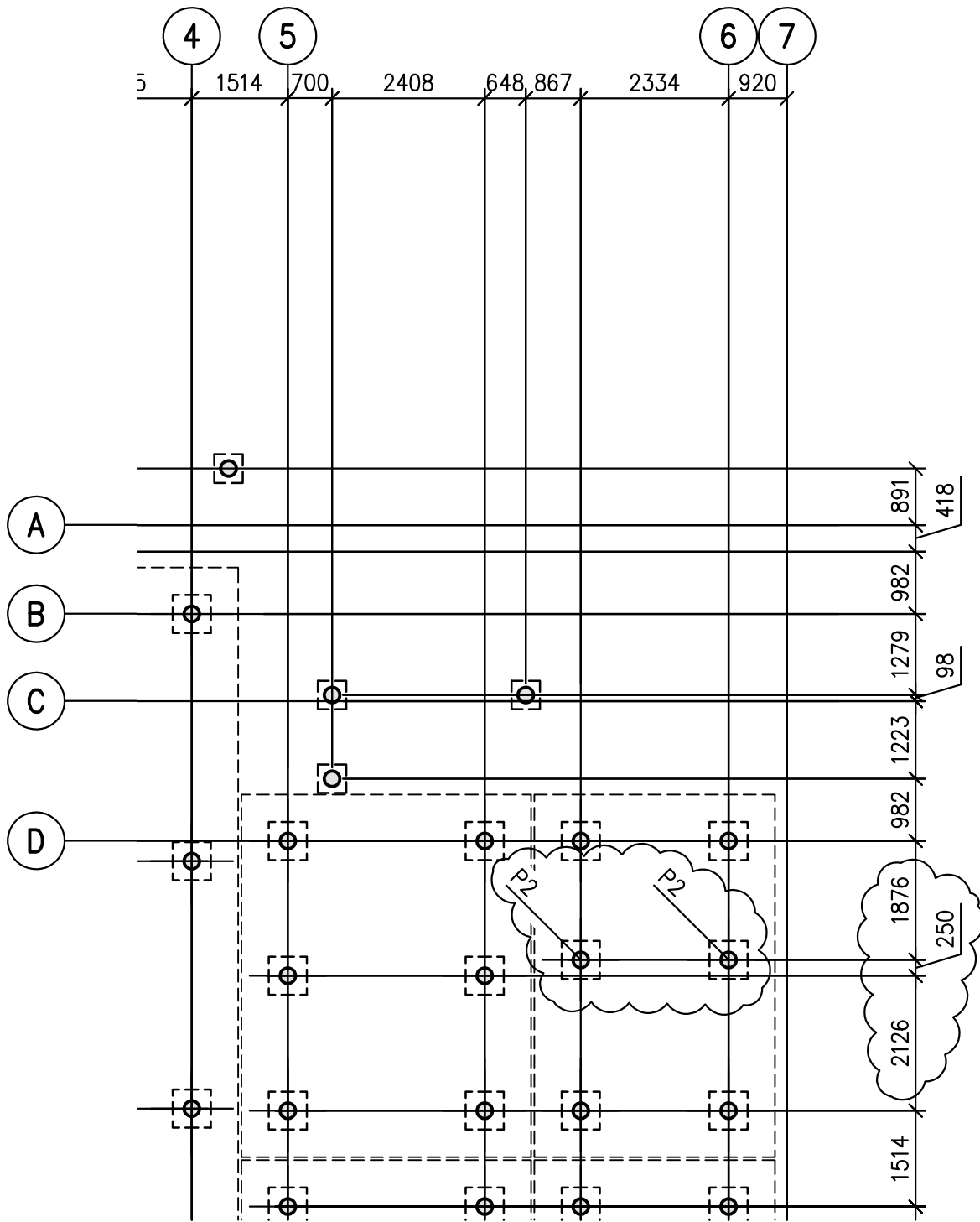
NOTE:

1. U/S ROOF JOISTS AT EL. 102 949
2. PROVIDE 3 TRIMMER STUDS AND 1 JAMB STUD AT CELL DOOR OPENINGS.



TYP. FLOOR OPENING DETAIL

NTS



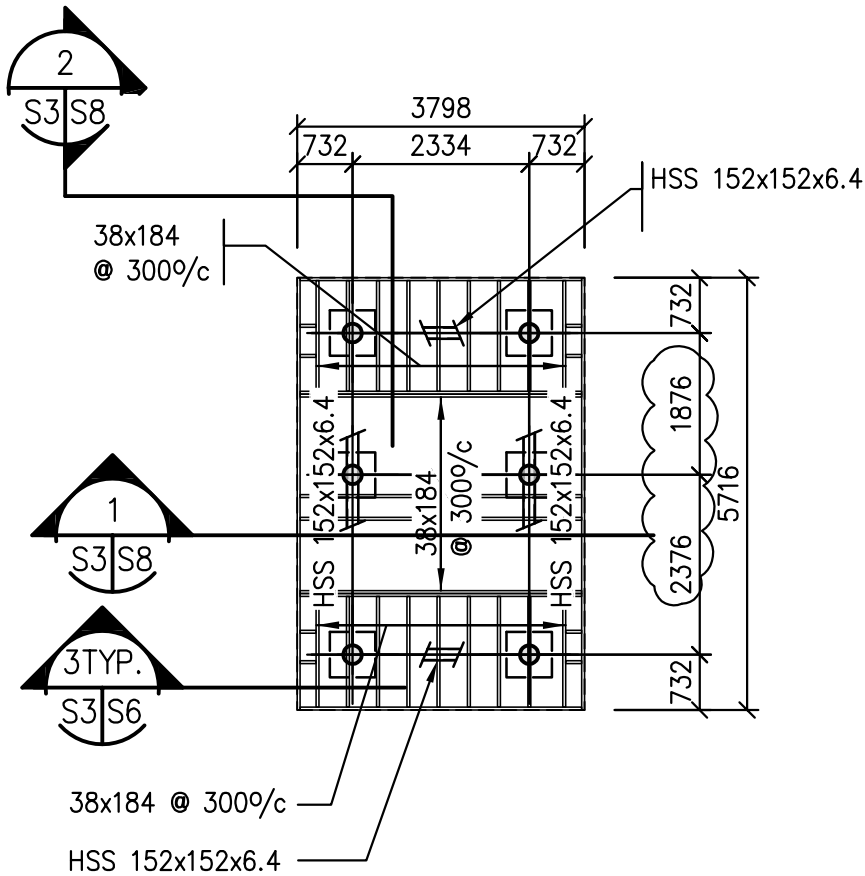
1 PARTIAL PILE PLAN
 SK9/SK9 1:100



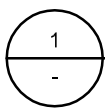
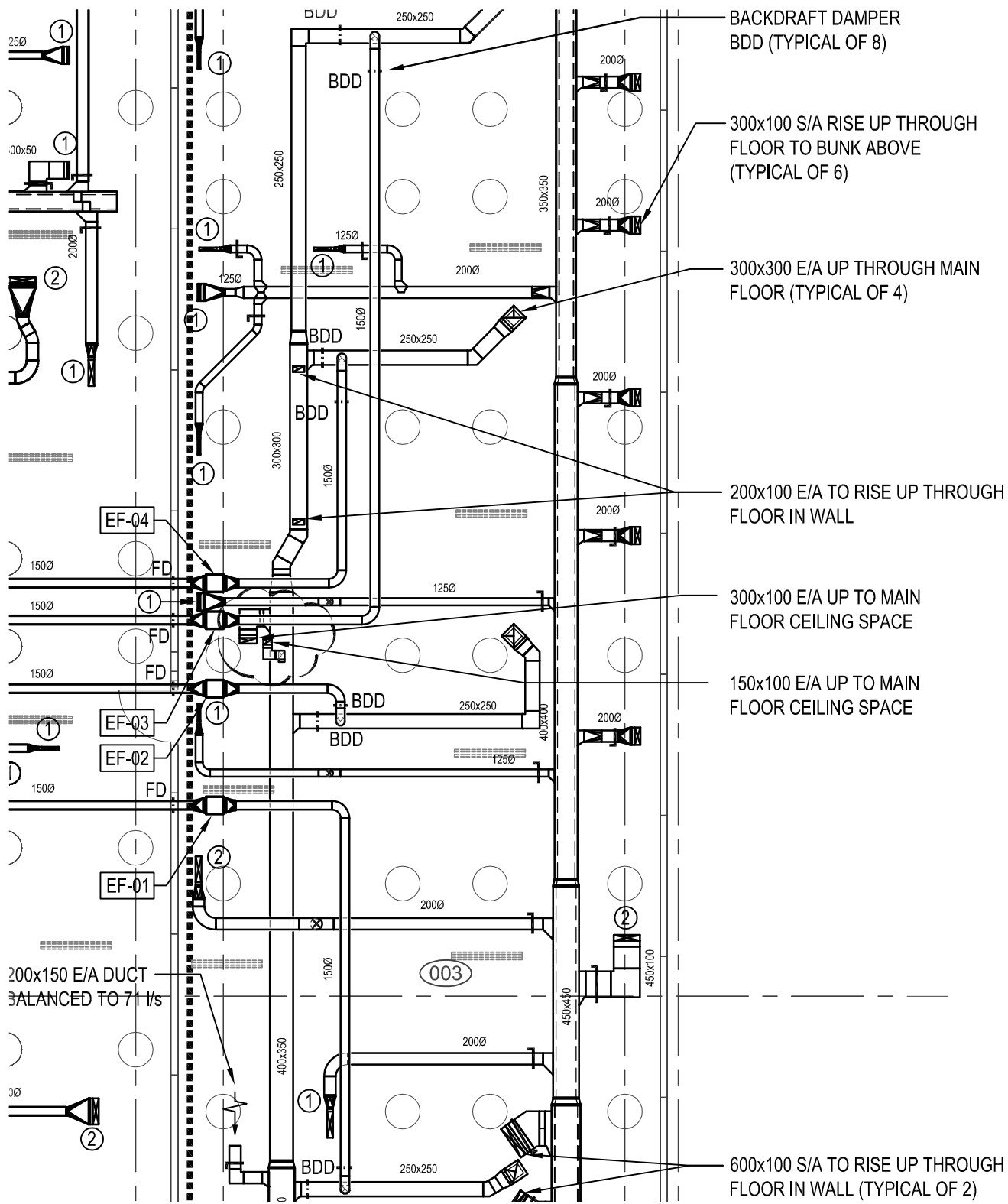
PROJECT
New Modular RCMP Building Ahtahkakoop, SK
 DRAWING TITLE
Partial Pile Plan

DATE
 4 JAN 2016
 DRAWN BY
 CS
 CHECKED
 SK
 SCALE
 As Shown

DRAWING NUMBER
 S-35-2014
 SK9
 92340



4 FLOOR PLAN – UNIT 14
S1 S3 1:100



CRAWLSPACE PLAN - VENTILATION

1:100



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PROJECT NEW MODULAR POLICE BUILDING

AHTAHKAKOOP, SASKATCHEWAN

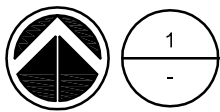
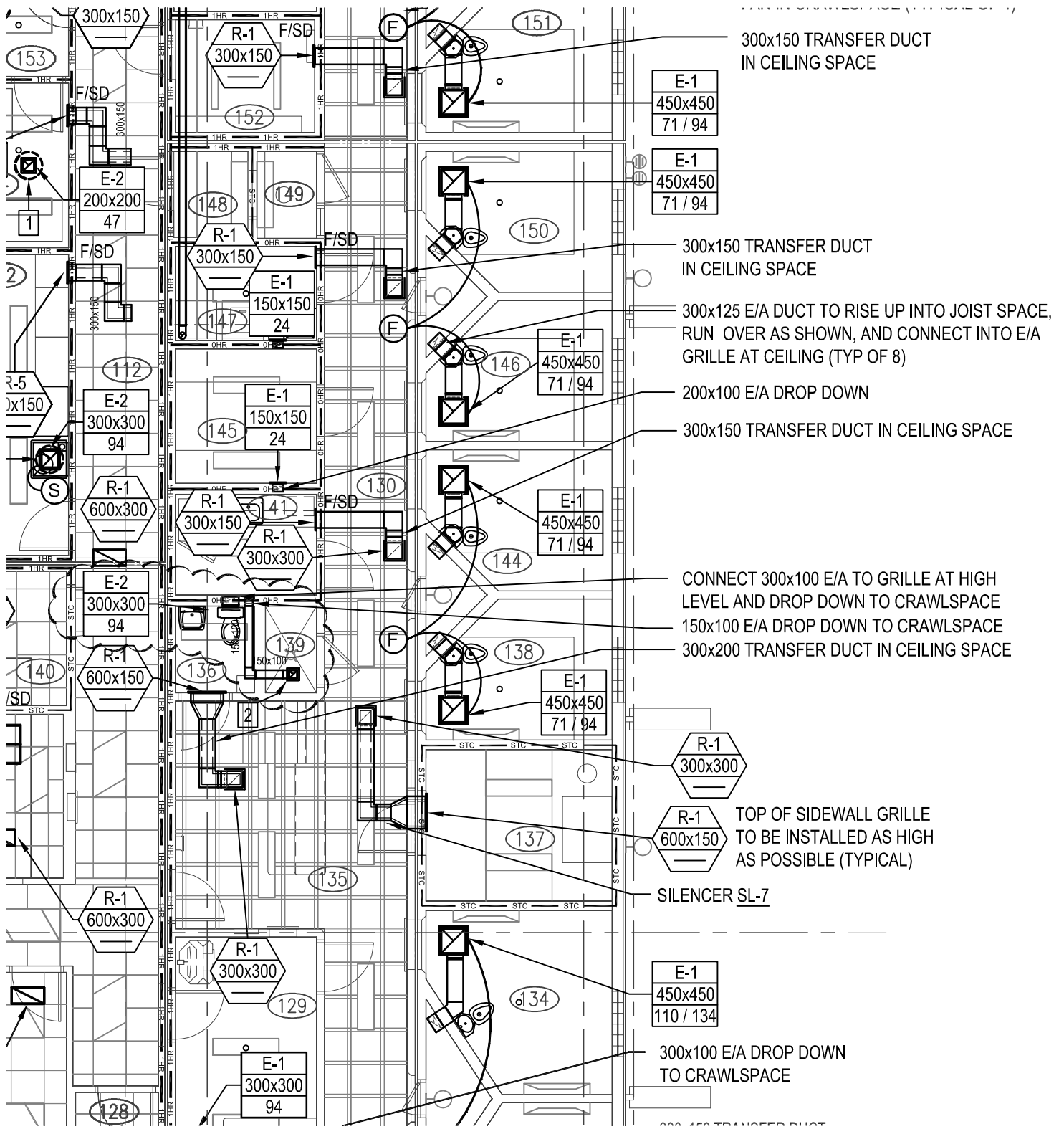
**SHEET TITLE CRAWLSPACE PLAN
VENTILATION
ROOMS 136 AND 139**

DRAWING NUMBER

M4.1-R01

SCALE AS SHOWN FILE S-35-2014

DATE 2017/01/04 DRAWN TKC



MAIN FLOOR PLAN - CEILING VENTILATION

1:100



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PROJECT NEW MODULAR POLICE BUILDING

AHTAHKAKOOP, SASKATCHEWAN

**SHEET TITLE MAIN FLOOR PLAN
CEILING VENTILATION
ROOMS 136 AND 139**

DRAWING NUMBER

M4.3-R01

**SCALE AS SHOWN FILE S-35-2014
DATE 2017/01/04 DRAWN TKC**