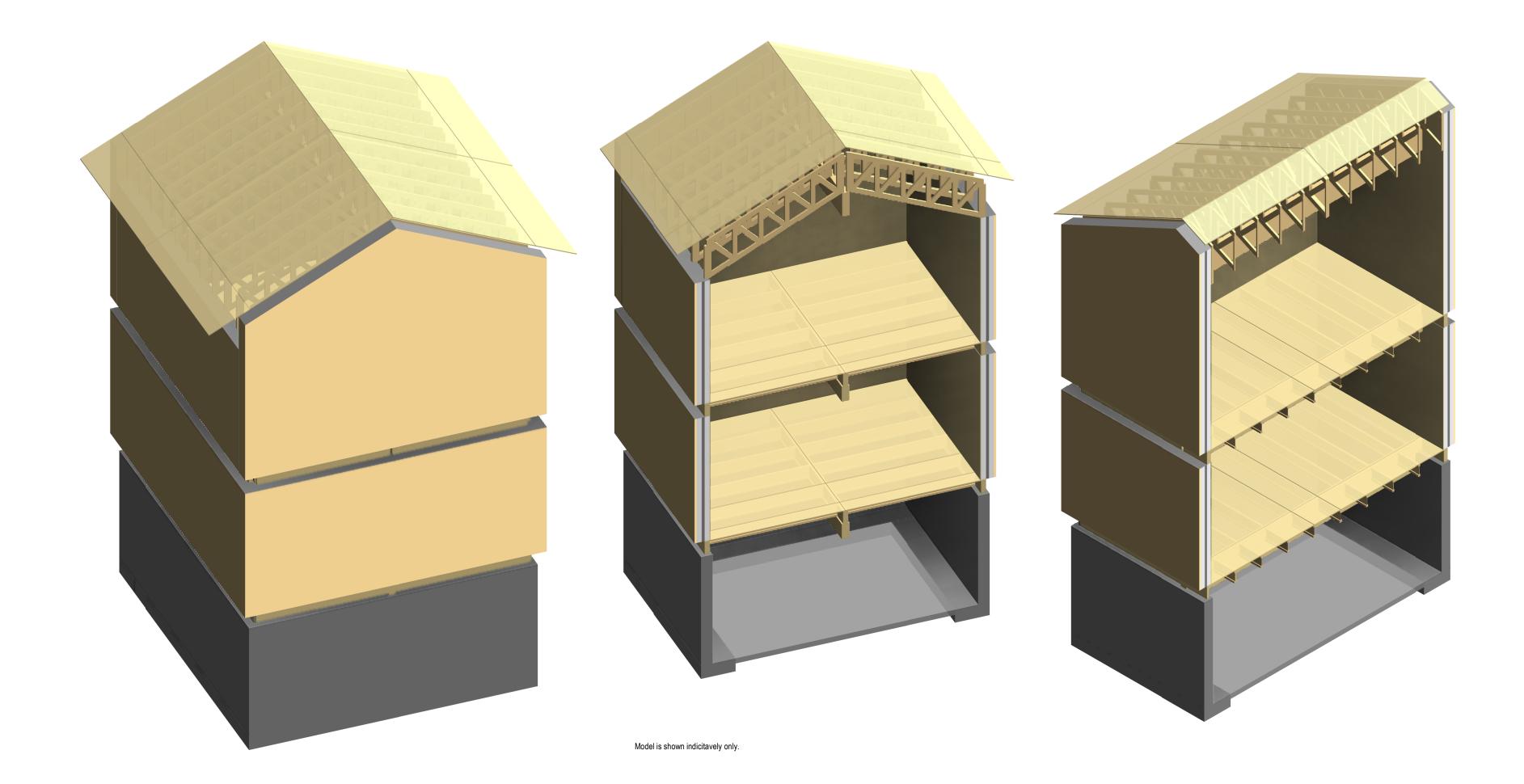
# **BCollective BOSS**

## **Issued for Review**



# ASPECT STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

**pect**engineers.cor

al:

## PRELIMINARY NOT TO BE USED FOR:

NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

#### **BCollective BOSS**

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take precedent over all electronic/computer files.

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Date: Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date: 2022-07-05 12:56:19 PM

Drawing Title:

Cover Sheet

cale:

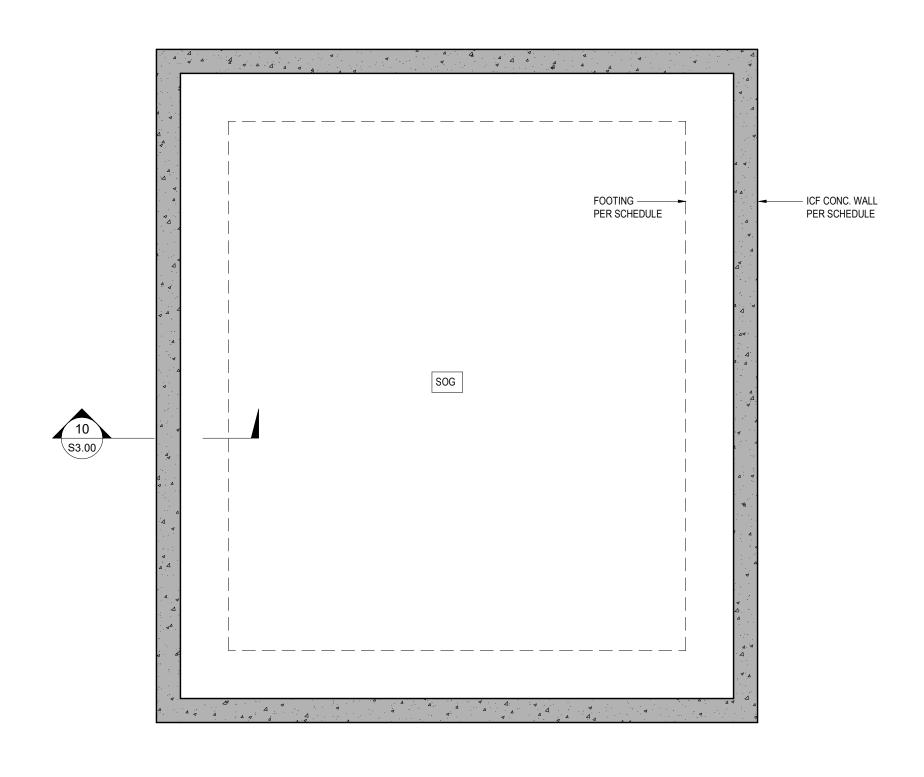
Drawn: GS /
Designed: JC / A
Checked: AC

g No.: Re

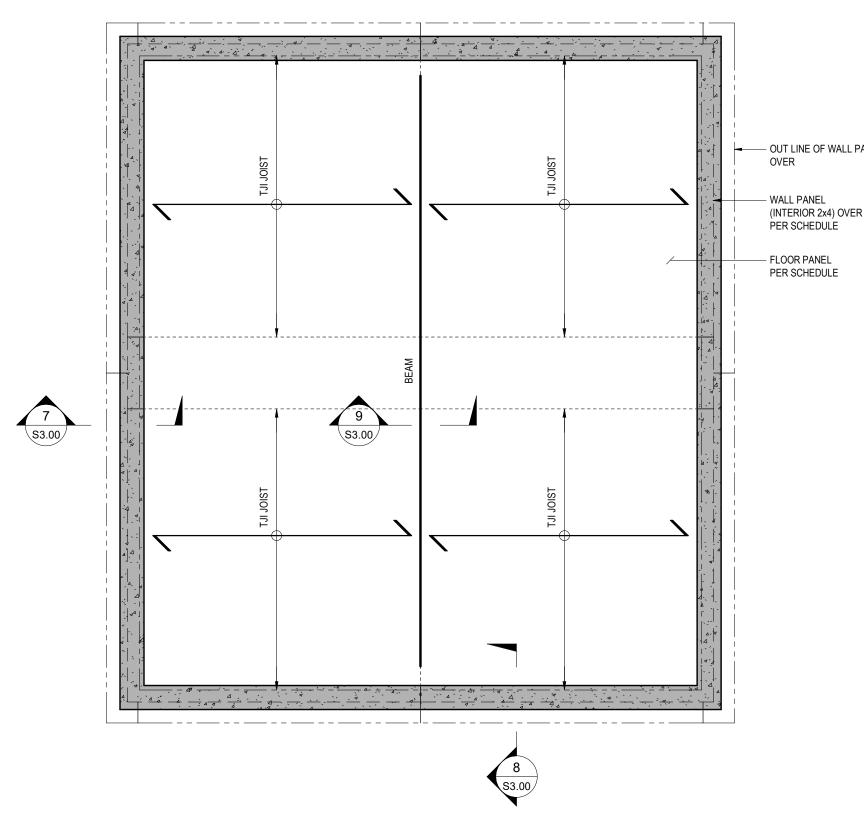
#### STRUCTURAL DRAWING LIST

Dwg. No.	Drawing Title	Date	Revision / Issue	Rev. No.
S1.00	Cover Sheet	2022-05-04	Issued for Review	
S2.00	Plans and Building Sections	2022-05-04	Issued for Review	
S3.00	Typical Floor Panel Sections and Details	2022-05-04	Issued for Review	
S3.01	Typical Wall Panel Sections and Details	2022-05-04	Issued for Review	
S3.02	Typical Wall Panel Sections and Details	2022-05-04	Issued for Review	
S3.03	Typical Wall Panel Sections and Details	2022-05-04	Issued for Review	
S3.04	Typical Roof Panel Sections and Details	2022-05-04	Issued for Review	
Total: 7				

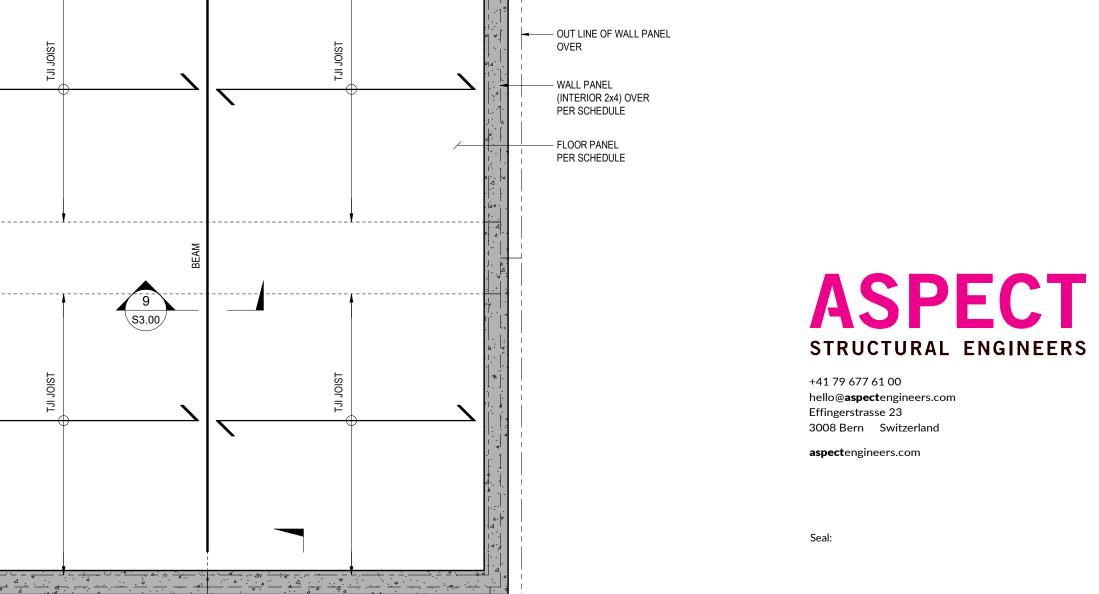
**INDICATIVE BUILDING SECTION** - JOIST PERP TO WALL



**INDICATIVE FOUNDATION PLAN** 



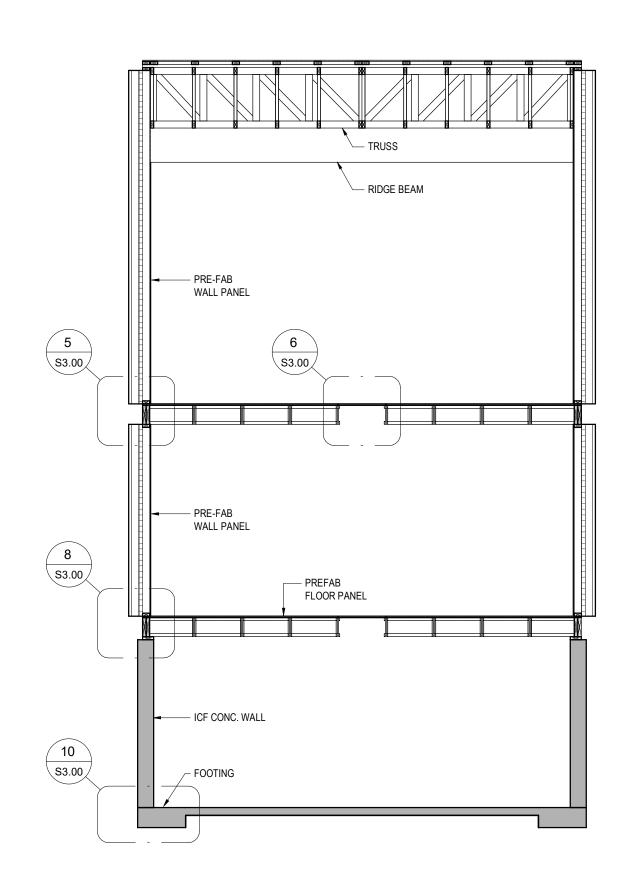
**INDICATIVE MAIN FLOOR FRAMING PLAN** 



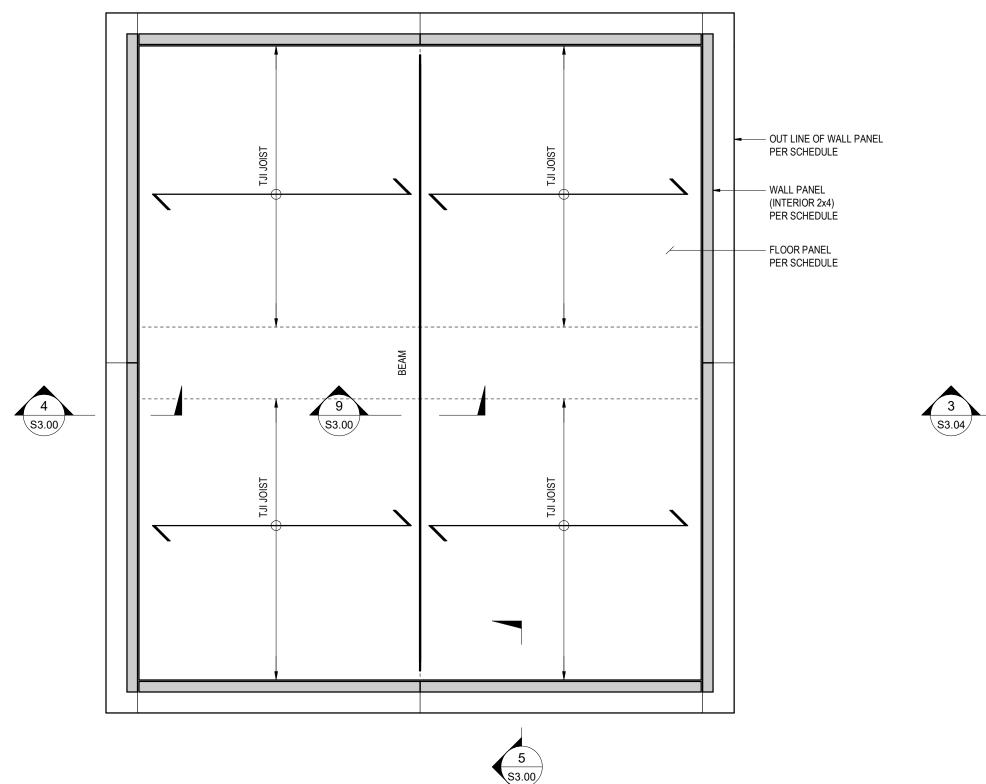
**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

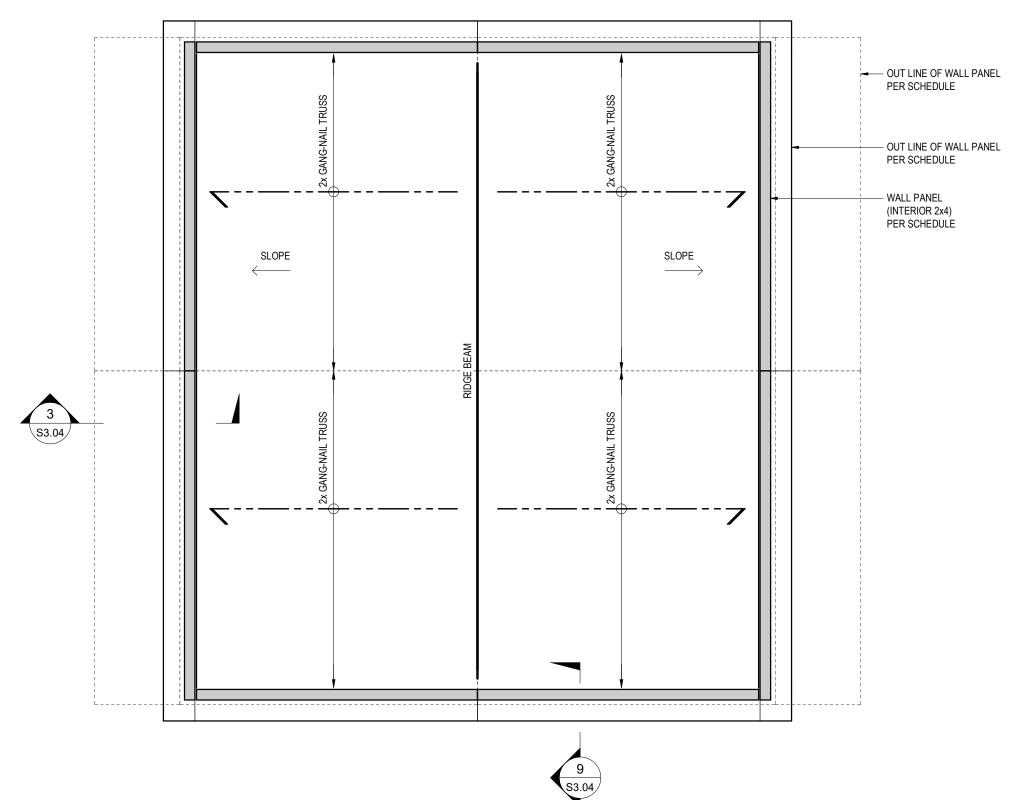
**BCollective BOSS** 



INDICATIVE BUILDING SECTION
- JOIST PARALLEL TO WALL



INDICATIVE UPPER FLOOR FRAMING PLAN



**INDICATIVE ROOF FRAMING PLAN** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings. are not liable to any other parties relating to the use of these drawings.

Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date: 2022-07-05 12:56:21 PM

Drawing Title:

Plans and Building Sections

Scale: As indicated Checked:

**S2.00** 

**TYP REFAB FLOOR PANEL** 1 -PLAN DETAIL

- PANEL EDGE NAILING. SHOP INSTALLED WALL PANEL PER DETAIL - PANEL EDGE NAILING. SITE INSTALLED - 3/4" D.FIR FLOOR SEATHING NAILED PER GEN NOTES LTP5 BY SST @24" 13/4" THK SCL CONT. 13/4" THK SCL PANEL RIM BOARD, RIM BOARD, SITE INSTALLED SHOP INSTALLED LTP5 BY SST @24" └─ TJI JOIST

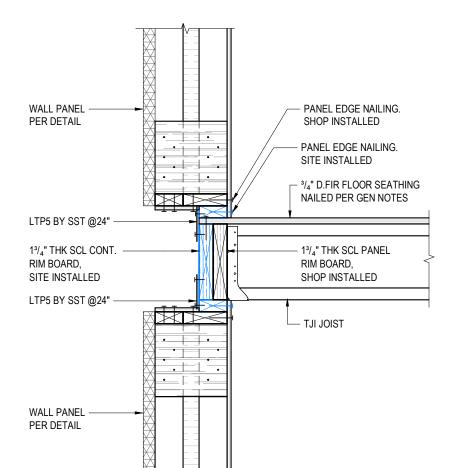
WALL PANEL

PER DETAIL

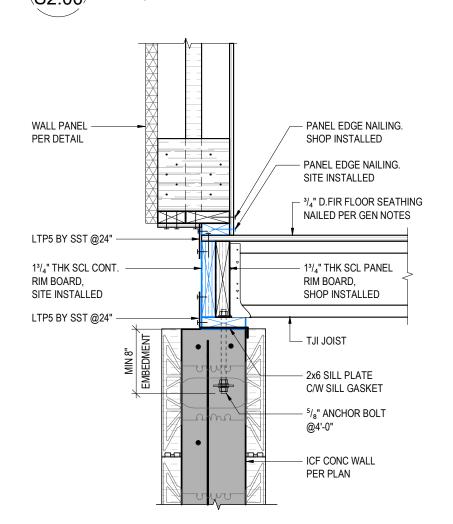
**FLOOR TO WALL AT HEADER** -2x6 T&B PLATE **JOISTS PERP TO WALL** 

- HEADER MIN. (2) 2x10

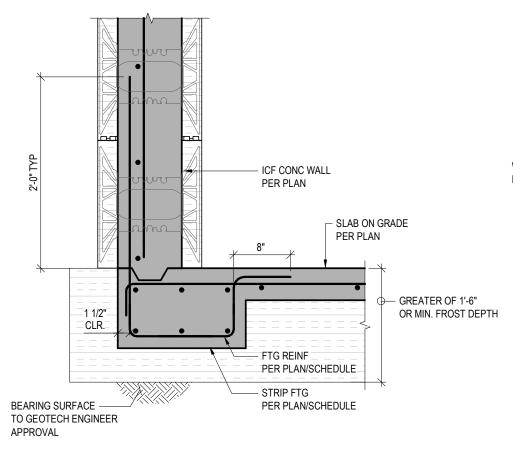
OR PER PLAN/SCHEDULE



FLOOR TO WALL -2x6 T&B PLATE 4 JOISTS PERP TO WALL

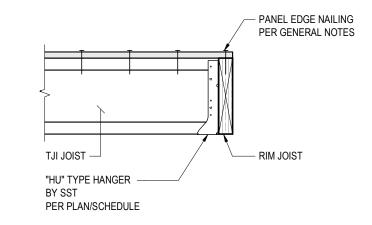


**TYP FDN WALL -2x6 T&B PLATE JOISTS PERP TO WALL** 

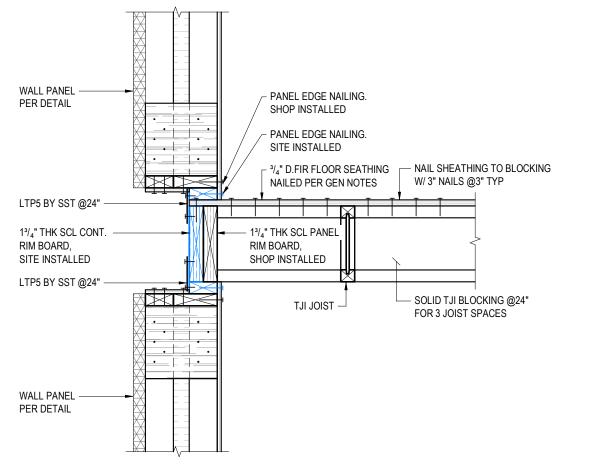


10 FTG UNDER ICF CONCRETE WALL

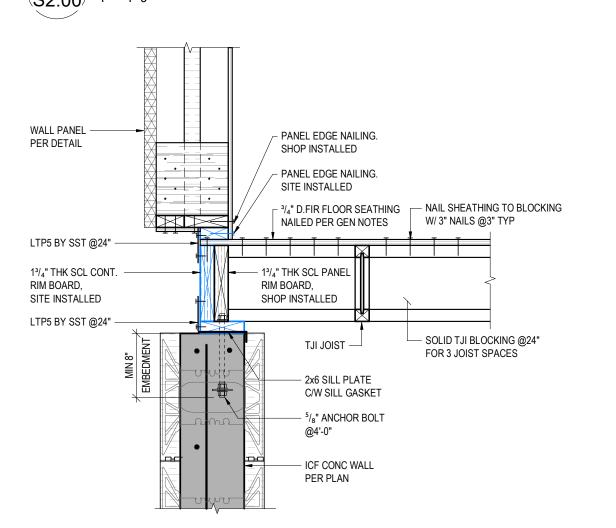




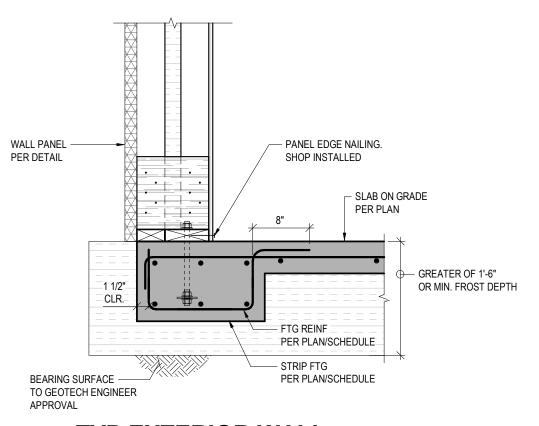
**FLOOR JOIST TO** RIM JOIST CONNECTION



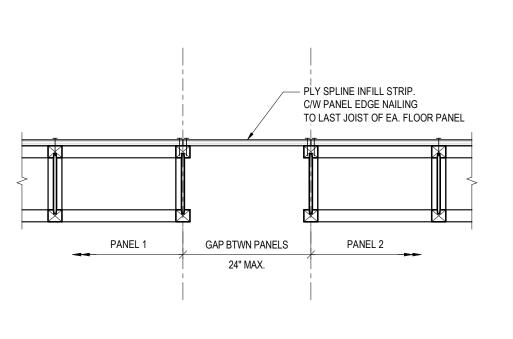
**FLOOR TO WALL -2x6 T&B PLATE** 5 JOISTS PARALLEL TO WALL



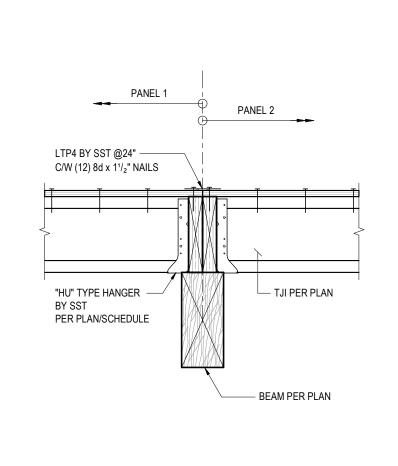
**TYP FDN WALL -2x6 T&B PLATE JOISTS PARALLEL TO WALL** 



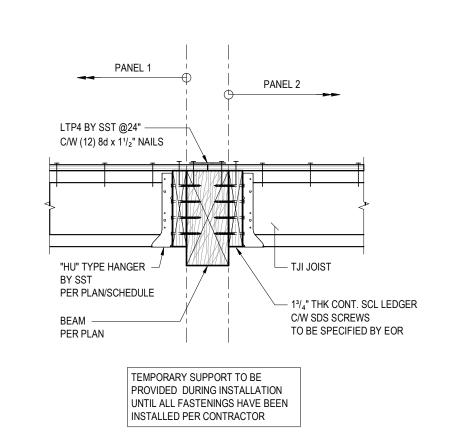
**TYP EXTERIOR WALL** 11 TO SLAB THICKENING



**FLOOR PANEL TO PANEL CONNECTION** 6 PARALLEL TO JOISTS



**FLOOR PANEL TO PANEL CONNECTION** 9 PERP TO JOISTS - DROP BEAM



**FLOOR PANEL TO PANEL CONNECTION** 12 PERP TO JOISTS - FLUSH BEAM

**ASPECT** STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

Seal:

aspectengineers.com

**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

**BCollective BOSS** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only, ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date:

2022-07-05 12:56:21 PM

Drawing Title:

**Typical Floor Panel Sections** and Details

Scale:

— ICF CONC WALL

PER PLAN

TYP FDN WALL -2x4 T&B PLATE

3 JOISTS PARALLEL TO WALL

— ICF CONC WALL

PER PLAN

TYP FDN WALL -2x4 T&B PLATE

4 JOISTS PERP TO WALL

**ASPECT** STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

aspectengineers.com

Seal:

TJI JOIST

BEYOND

**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

**BCollective BOSS** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take precedent over all electronic/computer files.

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Date: Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date: 2022-07-05 12:56:22 PM

Drawing Title:

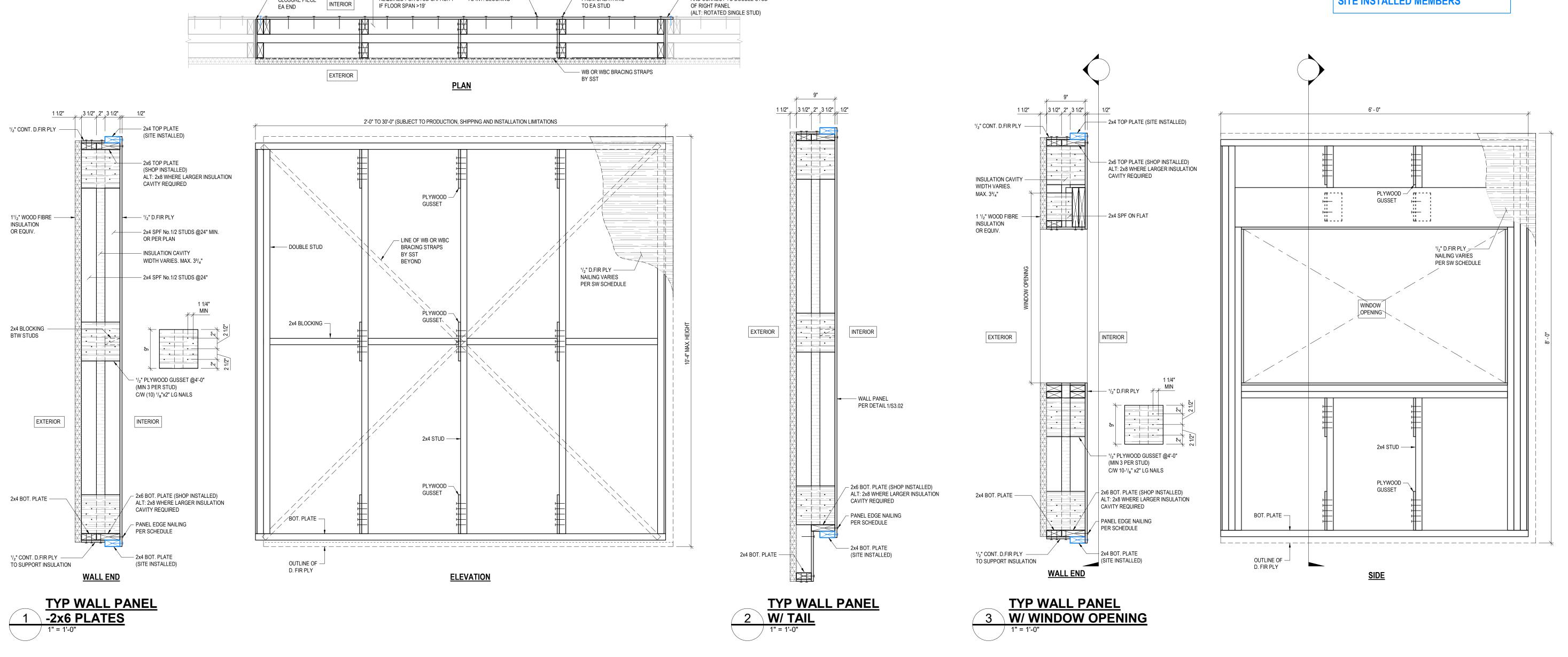
**Typical Wall Panel Sections** and Details

Scale:

Drawing No.:

Checked:

Revision No.:



EXTEND SHEATHING FROM LEFT PANEL
 AND CONNECT TO DOUBLE STUD

PANEL EDGE NAILING FROM SHEATHING

BLOCKING @4'-0"
REQUIRED FOR STUD CAPACITY

— 3/8" THK PLYWOOD

CLOSURE PIECE

PANEL EDGE NAILNG — TO INT. BLOCKING

**ASPECT** STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

aspectengineers.com

**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

**BCollective BOSS** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take precedent over all electronic/computer files. Copyright reserved. This drawing and design is and at all times remains the

exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Date: Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date: 2022-07-05 12:56:24 PM

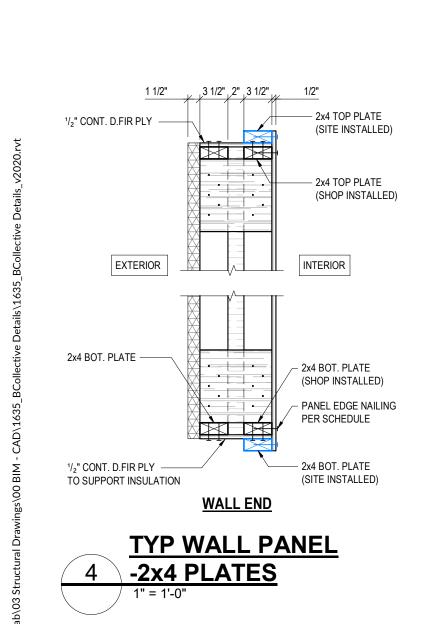
Drawing Title:

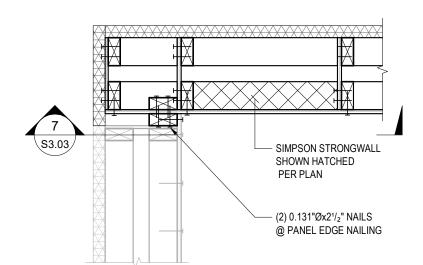
Drawing No.:

**Typical Wall Panel Sections** and Details

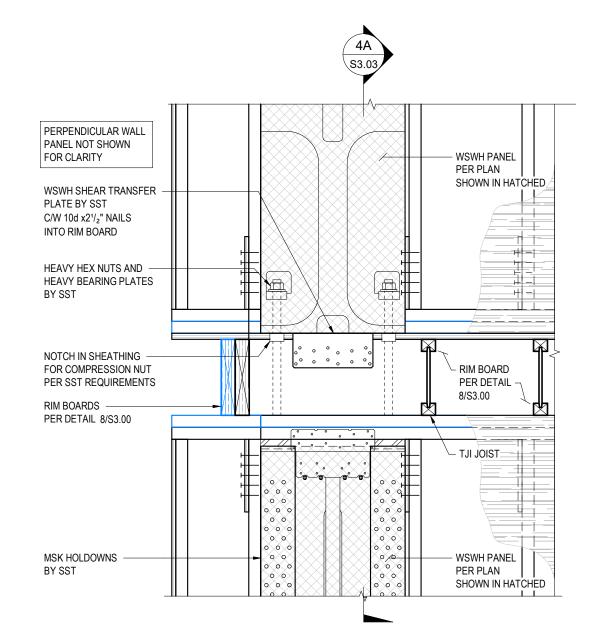
Scale: GS / JMP Designed: JC / AB Checked:

Revision No.:

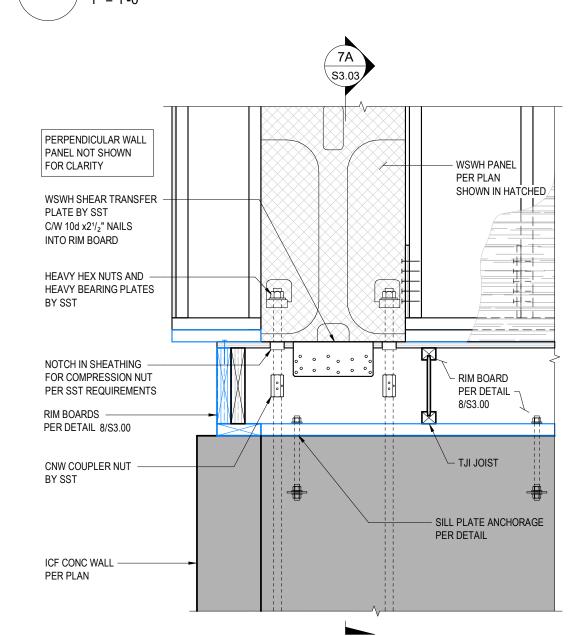




#### **TYP WALL CORNER** W/ SIMPSON STRONG WALL 1 -PLAN DETAIL

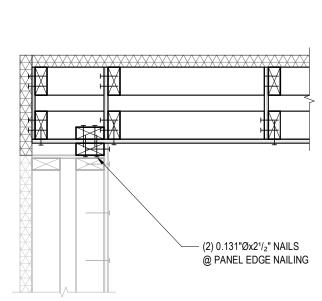


TYP WSWH JOISTS PARALLEL TO WALL



TYP WSWH AT FDN WALL 7 JOISTS PARALLEL TO WALL

S3.03 1" = 1'-0"



**TYP WALL CORNER -**PLAN DETAIL

WALL PANEL -

RIM BOARDS ———— PER DETAIL 8/S3.00

MAX 7/8" THK. SHIM -

AS NECESSARY

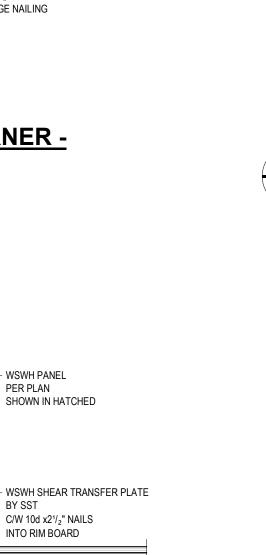
FOR TIGHT FIT

WALL PANEL -

PER DETAIL

PER SST

PER DETAIL



- WSWH PANEL

BY SST

└ TJI PER PLAN

WHERE FRAMING IS PARALLEL TO WALL INSTALL FULL DEPTH BLOCKING

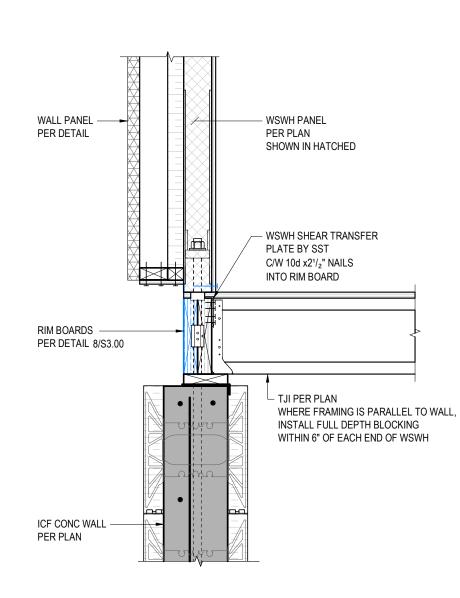
WITHIN 6" OF EACH END OF WSWH

- WSWH-TP TOP CONNECTION

C/W 10d x21/2" NAILS INTO RIM BOARD

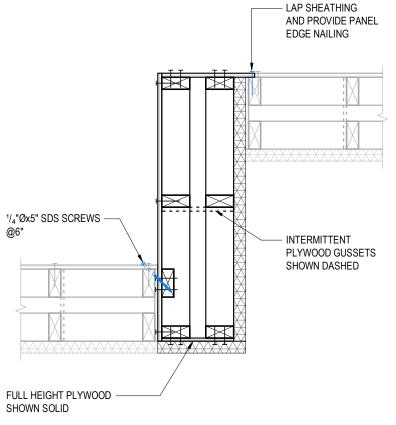
TYP WSWH 4A JOISTS PERP TO WALL

S3.03 1" = 1'-0"

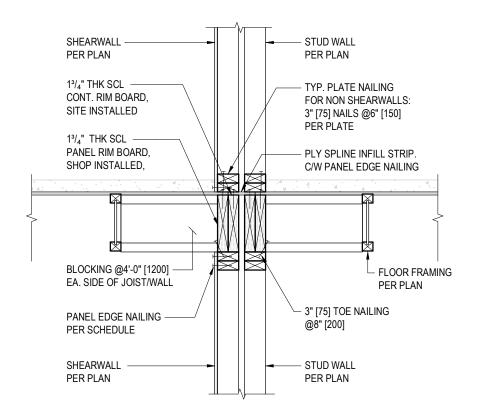


TYP WSWH AT FDN WALL 7A JOISTS PERP. TO WALL

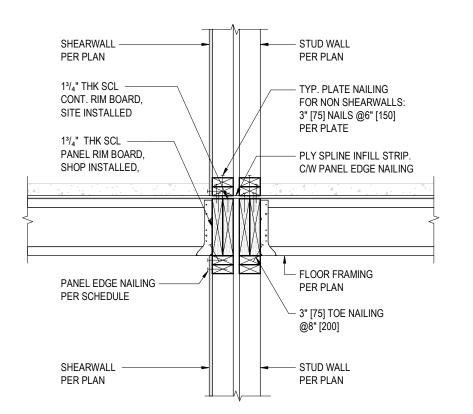
\$3.03 1" = 1'-0"



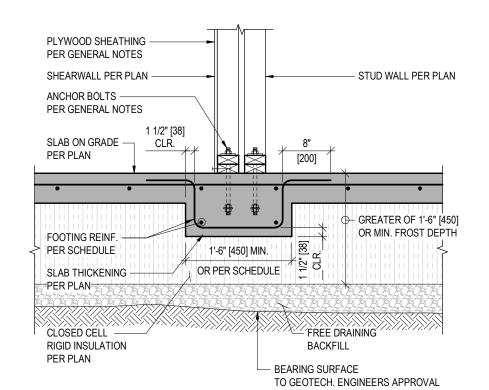
**TYP INSIDE WALL CORNER -**3 PLAN DETAIL



### TYP. PARTY WALL / SHEARWALL 5 @ FLOOR PARALLEL TO JOISTS



### TYP. PARTY WALL / SHEARWALL 6 @ FLOOR PERP. TO JOISTS



TYP. PARTYWALL INTERIOR SLAB 8 THICKENING

## **ASPECT** STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

Seal:

aspectengineers.com

**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

**BCollective BOSS** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date:

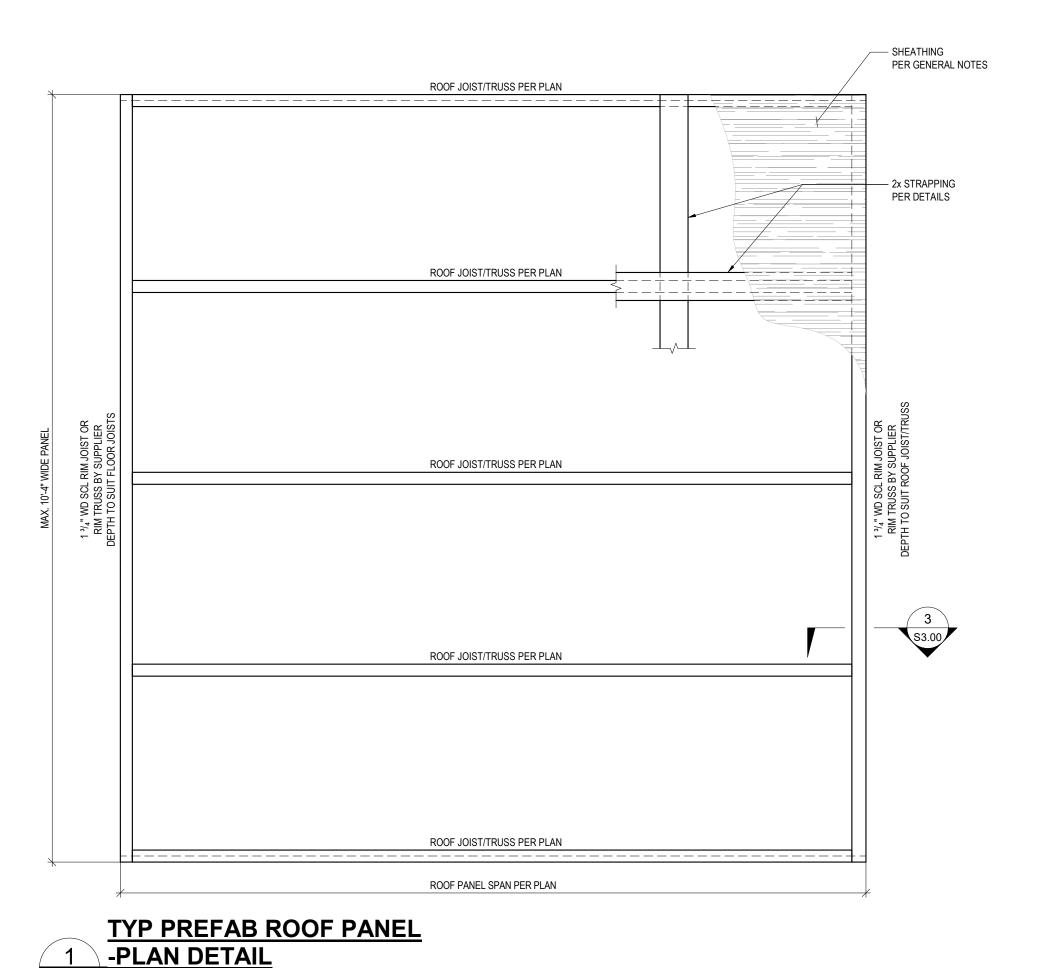
2022-07-05 12:56:25 PM

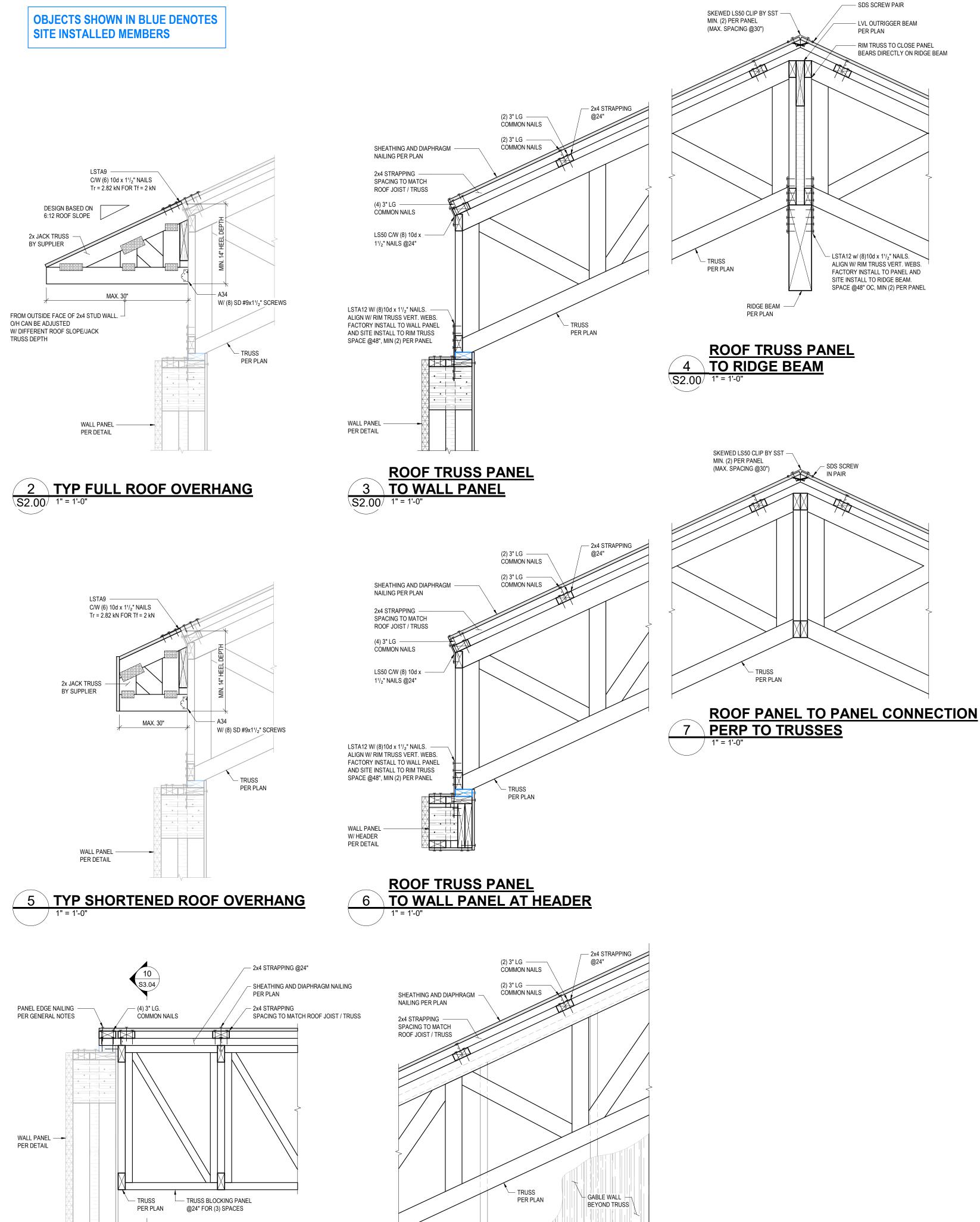
Drawing Title:

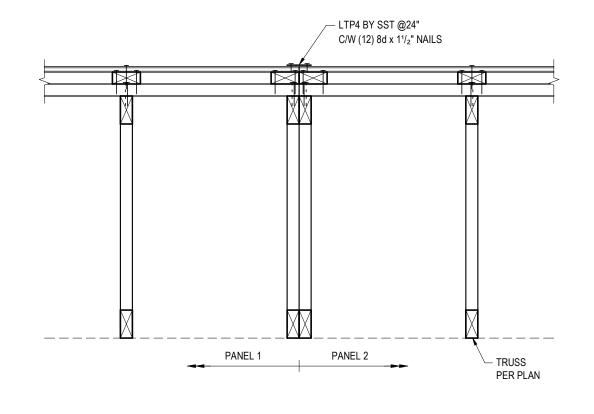
**Typical Wall Panel Sections** and Details

Scale: As indicated

Drawing No.:

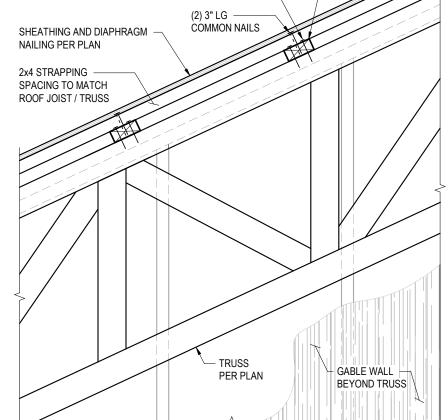






**ROOF PANEL TO PANEL CONNECTION** PARALLEL TO TRUSSES

**ROOF TRUSS PANEL TO WALL PANEL** 9 AT GABLE WALL



10 WALL PANEL AT GABLE WALL
S3.04 1" = 1'-0"

**ASPECT** STRUCTURAL ENGINEERS

+41 79 677 61 00 hello@aspectengineers.com Effingerstrasse 23 3008 Bern Switzerland

aspectengineers.com

**PRELIMINARY** NOT TO BE USED FOR: PRICING, COSTING, TENDER, PERMIT, OR CONSTRUCTION, UNO

Project No.: 1635

**BCollective BOSS** 

This drawing is not to be used for construction purposes until noted and dated 'Issued for Construction'. All measurements must be checked on site and be verified by the Contractor. Do not scale off hard copy drawings or any electronic/computer files. Written dimensions always have precedent. Hard copy drawings are the official documents for the project and always take

Copyright reserved. This drawing and design is and at all times remains the exclusive property of ASPECT Structural Engineers and cannot be used without their written consent and associated disclaimer fees. The information contained herein is for use of the Client only. ASPECT Structural Engineers is under no obligation to supply electronic/computer files for this project to the Contractor or Subcontractors. ASPECT Structural Engineers and its employees are not liable to any other parties relating to the use of these drawings.

Revision / Issue: 2022-02-11 Issued for Review 2022-05-04 Issued for Review

Plot Date: 2022-07-05 12:56:26 PM

Drawing Title:

**Typical Roof Panel Sections** and Details