



ft3

Architecture
Landscape
Interior Design

Suite 200, 300 Waterfront Drive
Winnipeg MB Canada R3B 0G5
t. 204.885.9323

SUSTAINABLE BUILDING MANITOBA
RESIDENTIAL BUILDING
WINNIPEG, MANITOBA

BUILDING ENVELOPE DESIGN COMPETITION

ISSUED FOR COMPETITION 2026/03/02 PROJECT NO.26955

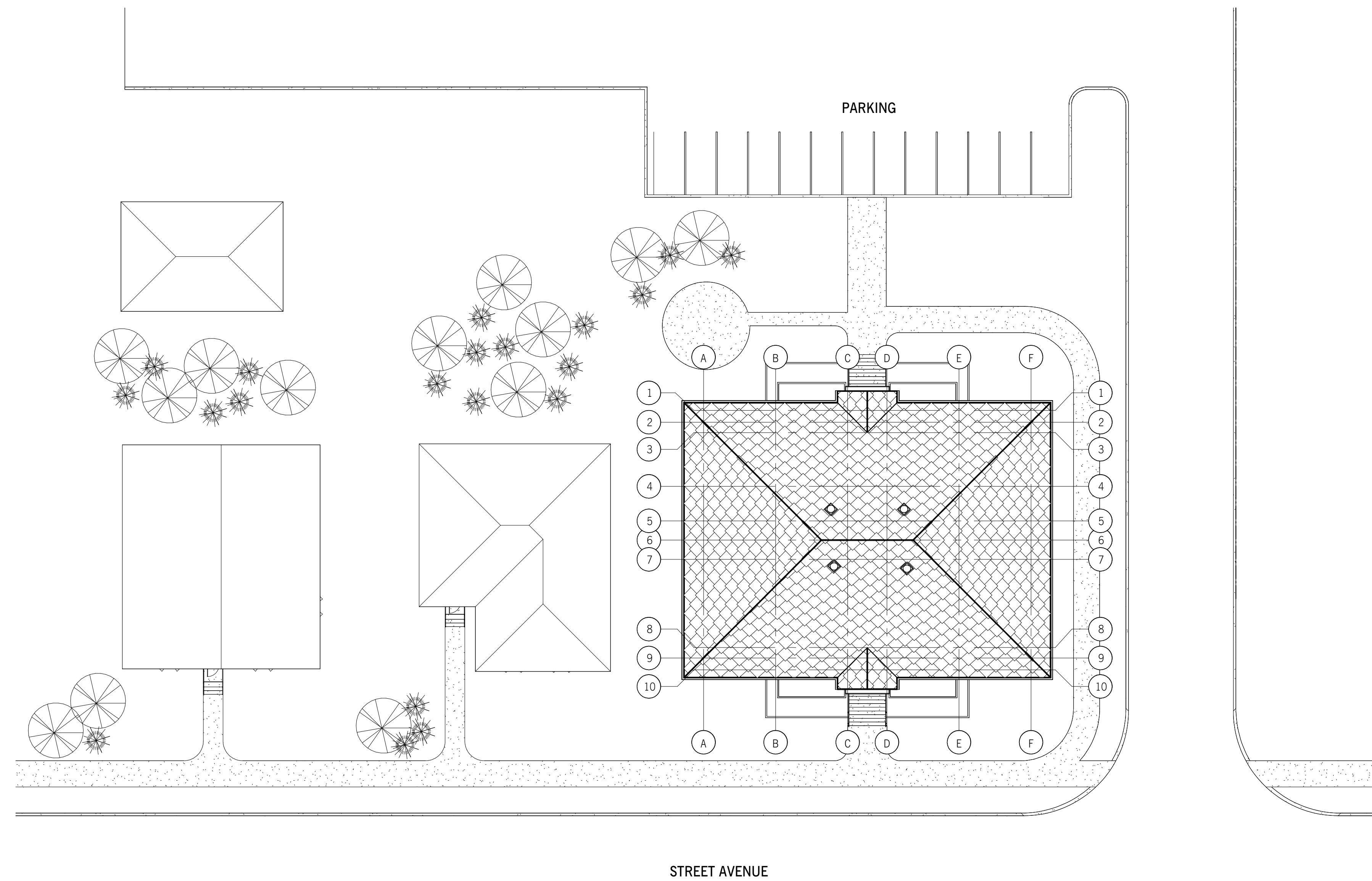
GENERAL NOTES

1. THE DRAWINGS SHALL NOT BE SCALED FOR INFORMATION.
2. THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY HIMSELF THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION SHOWN ARE CORRECT.
3. THE CONTRACTOR IS TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF WORK.
4. THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS THRU FLOORS, WALLS AND CEILINGS INCLUDING BUT NOT LIMITED TO DUCT, PIPING AND ELECTRICAL RISERS.
5. PRODUCTS AND MATERIALS ARE TO BE USED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. DIMENSIONAL PROPERTIES OF THE MATERIALS ARE NOTED IN INCHES OR FEET AND INCHES UNLESS INDICATED OTHERWISE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING SURFACES ADJACENT NEW CONSTRUCTION AND ALL EXISTING FINISHES AFFECTED BY THE CONSTRUCTION.
7. EXTERIOR DIMENSIONS ARE TAKEN TO FACE OF EXTERIOR SHEATHING UNLESS NOTED/SHOWN OTHERWISE. INTERIOR DIMENSIONS ARE TAKEN TO FACE OF GYPSUM UNLESS NOTED/SHOWN OTHERWISE.
8. PROMPTLY REPORT ALL ACCIDENTS AND POTENTIAL LIABILITY CLAIMS TO THE CONTRACT ADMINISTRATOR.

LIST OF DRAWINGS

- GENERAL
GO.1 GENERAL INFORMATION & ARCHITECTURAL SITE PLAN
- ARCHITECTURAL
A0.1 DRAWING LEGENDS, WINDOW & CONSTRUCTION TYPES
A2.1 FOURTH FLOOR PLAN
A2.2 ROOF PLAN
A4.1 EXTERIOR ELEVATIONS
A6.1 WALL SECTIONS
A7.1 SECTION DETAILS
A8.1 PLAN DETAILS

ARCHITECTURAL SITE PLAN



SCALE: 1:200

ISSUES / REVISIONS
1. 2026/03/02 ISSUED FOR COMPETITION

Drawings and specifications, as instruments of service are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

SUBCONSULTANTS

SEALS

NOT FOR CONSTRUCTION

ft3
Architecture
Landscape
Interior Design

Suite 200, 300 Waterfront Drive
Winnipeg, MB Canada R3B 0G5
t. 204.885.9323

PROJECT NO.	DATE (Y/M/D)	DESIGNED BY	DRAWN BY	CHECKED BY
26955		Designer	Author	Checker

CLIENT
**SUSTAINABLE BUILDING
MANITOBA**

PROJECT TITLE
RESIDENTIAL BUILDING

CONTENTS
**GENERAL INFORMATION &
ARCHITECTURAL SITE PLAN**

DRAWING

GO.1

SYMBOL LEGEND

WALL TYPE
 E = EXTERIOR WALL ASSEMBLY
 P = INTERIOR WALL ASSEMBLY
 T = PARAPET WALL ASSEMBLY
 C = COPING CAP ASSEMBLY

FLOOR TYPE
 R = ROOF TYPE

KEYNOTE

DEMO NOTE

WINDOW TYPE
 D.XYZ

DOOR NUMBER

BREAK LINE

GRID LINE

ROOM NAME & NUMBER
 NAME
 ROOM NAME
 ROOM NUMBER

CENTER LINE

INTERIOR ELEVATION SYMBOL
 ELEVATION NUMBER
 ELEVATION DRAWING SHEET

EXTERIOR ELEVATION SYMBOL
 ELEVATION NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

BUILDING SECTION SYMBOL
 SECTION NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

WALL SECTION SYMBOL
 SECTION NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

DETAIL/SECTION SYMBOL
 SECTION NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

CALLOUT SYMBOL
 CALLOUT NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

DRAWING NAME
 DRAWING SCALE
 CALLOUT NUMBER
 SHEET DRAWN ON
 SHEET TAKEN FROM

CEILING TAG
 CEILING MATERIAL AND TYPE
 HEIGHT ABOVE FINISHED FLOOR LEVEL

ELEVATION DATUM

FLOORING TRANSITION TAG

SLOPE TAG

GRADE SPOT ELEVATION EXISTING

GRADE SPOT ELEVATION PROPOSED

NORTH ARROW
 PROJECT NORTH
 TRUE NORTH

DRAWING LEGEND

NON-RATED FIRE SEPARATION

45 MIN RATED FIRE SEPARATIONS

1 HR RATED FIRE SEPARATIONS

1.5 HR RATED FIRE SEPARATIONS

2 HR RATED FIRE SEPARATIONS

NOTE: WALL SEGMENTS OVER DOORS, SIDELIGHTS OR OTHER OPENINGS SHALL BE RATED TO THE SAME DEGREE AS THE ADJACENT WALLS.

EXISTING WALL TO REMAIN

EXISTING WINDOW TO REMAIN

EXISTING DOOR & FRAME IN EXISTING WALL

EXISTING WALL TO BE DEMOLISHED

EXISTING WINDOW TO BE DEMOLISHED

EXISTING DOOR & FRAME TO BE DEMOLISHED

NEW WALL

NEW WINDOW IN NEW WALL

NEW DOOR & FRAME IN NEW WALL

ROOF TYPES

WOOD TRUSS ROOF
 SOLAR SHINGLES (50/25) STYLE
 45mm HORIZONTAL SLATS
 38mm COUNTER SLATS
 BLUESKIN R7200 ICE & WATER BARRIER
 13mm ROOF SHEATHING
 ENGINEERED WOOD TRUSSES BLOWN IN CELLULOSE - R-60 AIR VAPOR BARRIER MEMBRANE TYPE X 16mm GYPSUM BOARD

FLOOR TYPES

WOOD FLOOR
 SUBFLOOR SHEATHING
 250mm WOOD JOIST @ 400 O/C
 TYPE X GYPSUM BOARD

EXTERIOR WALL TYPES

EX1 TYPICAL STONE VENEER ON WOOD STUDS
 90mm TYPICAL STONE (SAWN) C/W FERRO THERMAL TIES
 25mm AIR SPACE
 102mm ROCKWOOL COMFORTBOARD 80
 BLUESKIN VP160 SELF-ADHERED WATER-RESISTIVE AIR BARRIER
 19mm PLYWOOD SHEATHING
 140mm WOOD STUDS @400 O/C
 ROCKWOOL COMFORTBATT BETWEEN WOOD STUDS
 VAPOR BARRIER
 16mm TYPE X GYPSUM BOARD

EX2 WOOD SIDING ON WOOD STUDS
 WESTERN RED CEDAR V-JOINT SIDING (T&G)
 19mm x 89mm WOOD FLIRING STRIPS
 102mm ROCKWOOL COMFORTBOARD 80
 BLUESKIN VP160 SELF-ADHERED WATER-RESISTIVE AIR BARRIER
 19mm PLYWOOD SHEATHING
 140mm WOOD STUDS @400 O/C
 ROCKWOOL COMFORTBATT BETWEEN WOOD STUDS
 VAPOR BARRIER
 16mm TYPE X GYPSUM BOARD

EX3 MITREX SOLAR PANELS ON WOOD STUDS
 MITREX SOLAR PANEL (GREY)
 INTERLOCKING CHANNEL SYSTEM
 19mm x 89mm WOOD FLIRING STRIPS
 102mm ROCKWOOL COMFORTBOARD 80
 BLUESKIN VP160 SELF-ADHERED WATER-RESISTIVE AIR BARRIER
 19mm PLYWOOD SHEATHING
 140mm WOOD STUDS @400 O/C
 ROCKWOOL COMFORTBATT BETWEEN WOOD STUDS
 VAPOR BARRIER
 16mm TYPE X GYPSUM BOARD

EX4 MITREX SOLAR PANELS ON WOOD STUDS
 NON-SOLAR MITREX PANEL (GREY)
 INTERLOCKING CHANNEL SYSTEM
 19mm x 89mm WOOD FLIRING STRIPS
 102mm ROCKWOOL COMFORTBOARD 80
 BLUESKIN VP160 SELF-ADHERED WATER-RESISTIVE AIR BARRIER
 19mm PLYWOOD SHEATHING
 140mm WOOD STUDS @400 O/C
 ROCKWOOL COMFORTBATT BETWEEN WOOD STUDS
 VAPOR BARRIER
 16mm TYPE X GYPSUM BOARD

INTERIOR PARTITION TYPES

P1 NBC Bldg. 2.5 HR LOADBEARING
 2.5 HR NON LOADBEARING, STC 49
 13mm TYPE X GYPSUM BOARD
 22mm RESILIENT CHANNELS @400mm O/C
 130mm CONCRETE BLOCK
 22mm RESILIENT CHANNELS @400mm O/C
 13mm TYPE X GYPSUM BOARD

P2 PARTITION WALL
 13mm GYPSUM BOARD
 89mm WOOD STUDS @400mm O/C
 89mm ACOUSTIC BATT INSULATION BETWEEN STUDS
 13mm GYPSUM BOARD

P3 PARTITION WALL
 13mm GYPSUM BOARD
 140mm WOOD STUDS @400mm O/C
 140mm ACOUSTIC BATT INSULATION BETWEEN STUDS
 13mm GYPSUM BOARD

DIMENSION LEGEND

GRID TO GRID USE DOTS

GRID TO LINE USE DOT TO TICK

ALL OTHER DIMENSIONS ARE TICKS

WINDOW INSTALL DETAIL

STEP 1 - WINDOW ROUGH OPENING

STEP 2 - INSTALL PT WOOD STUDS AROUND OPENING

STEP 3 - INSTALL PEEL & STICK MEMBRANE STARTING WITH BOTTOM SILL THEN BOTTOM CORNERS OVERLAPPING SILL

STEP 4 - INSTALL REMAINING PEEL & STICK MEMBRANE STARTING WITH SIDES OVERLAPPING BOTTOM CORNERS THEN TOP CORNERS AND HEAD OVERLAPPING SIDES

STEP 5 - INSTALL WINDOW

STEP 6 - INSTALL FLASHING & DETAIL STRIP

NOTE: SEE ENLARGED WINDOW & DOOR DETAILS FOR FURTHER INFORMATION

SCALE 1:20

WINDOW TYPES

SCALE 1:50

CURTAIN WALL

MARK	WINDOW / CURTAIN WALL TYPE
W1	WINDOW SERIES 4580P: W/ QUAD THIN
W2	WINDOW SERIES 4580P: W/ QUAD THIN
W3	WINDOW/FIBERWALL SERIES 458FX: W/ 4.38 LITEZONE
W4	WINDOW SERIES 4580P: W/ QUAD THIN
CW1	WINDOW/FIBERWALL SERIES 458FX: W/ 4.38 LITEZONE
CW2	WINDOW/FIBERWALL SERIES 458FX: W/ 4.38 LITEZONE

SCALE 1:20

MATERIAL SYMBOLS

BATT INSULATION

FINISHED WOOD

BRICK

GRAVEL FILL

CHAIN LINK

GYPSUM BOARD

CONCRETE

RIGID INSULATION

CONCRETE BLOCK

SAND FILL

DETECTABLE WARNING SURFACE

STEEL

EARTH

WOOD FRAMING

ISSUES / REVISIONS
 1. 2026/03/02 ISSUED FOR COMPETITION

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

SUBCONSULTANTS

SCALE

NOT FOR CONSTRUCTION

ft3
 Architecture
 Landscape
 Interior Design

Suite 200, 300 Waterfront Drive
 Winnipeg, MB Canada R3B 0G5
 T. 204.885.9323

PROJECT NO. 26955
 DATE (Y/M/D) 26/03/02
 DESIGNED BY AD / BDR / ZS
 DRAWN BY MT
 CHECKED BY Checker
 CLIENT SUSTAINABLE BUILDING MANITOBA
 PROJECT TITLE RESIDENTIAL BUILDING
 CONTENTS DRAWING LEGENDS, WINDOW & CONSTRUCTION TYPES
 DRAWING **A0.1**

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

SUBCONSULTANTS

SEALS

NOT FOR CONSTRUCTION

ft3
Architecture
Landscape
Interior Design

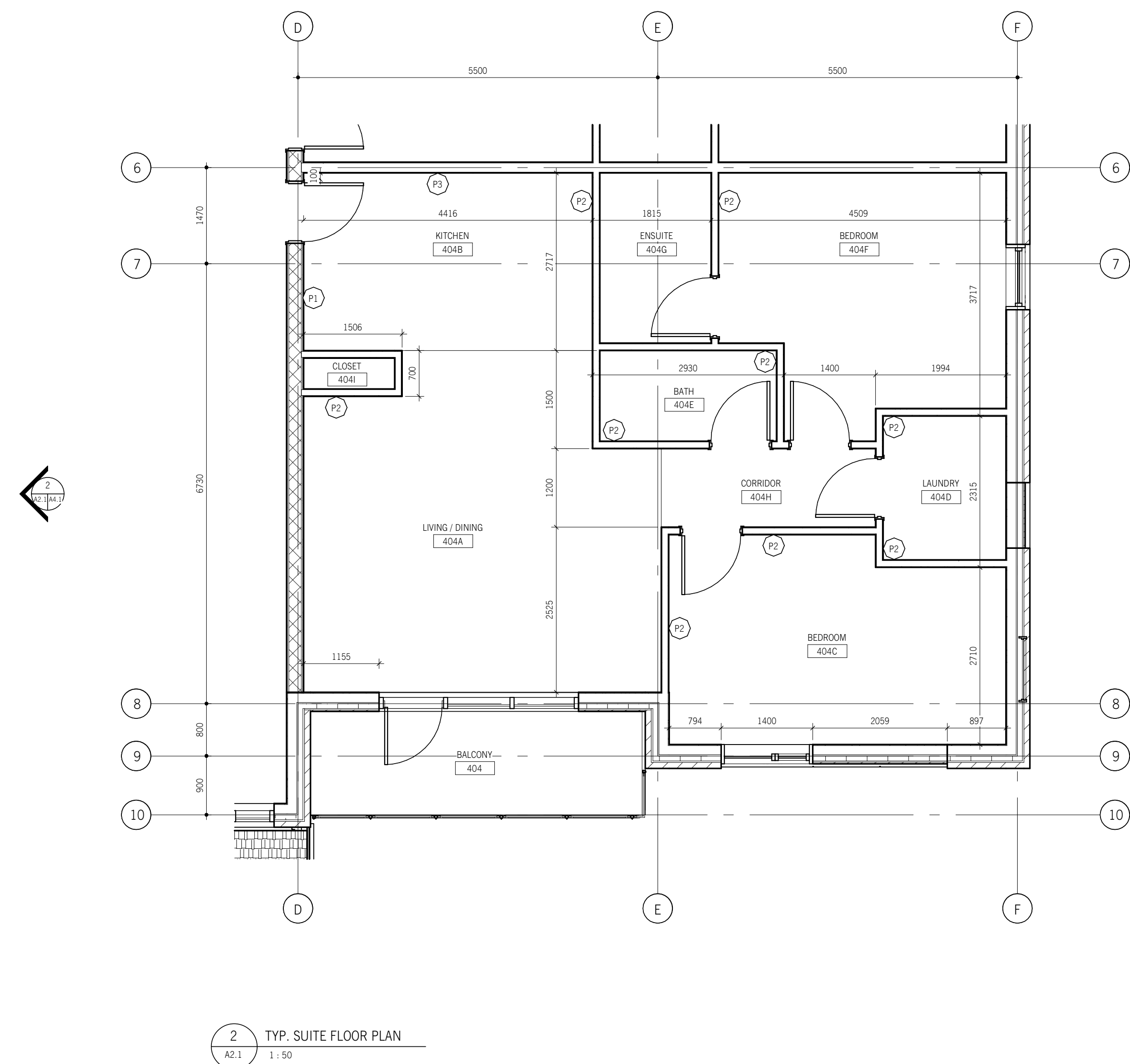
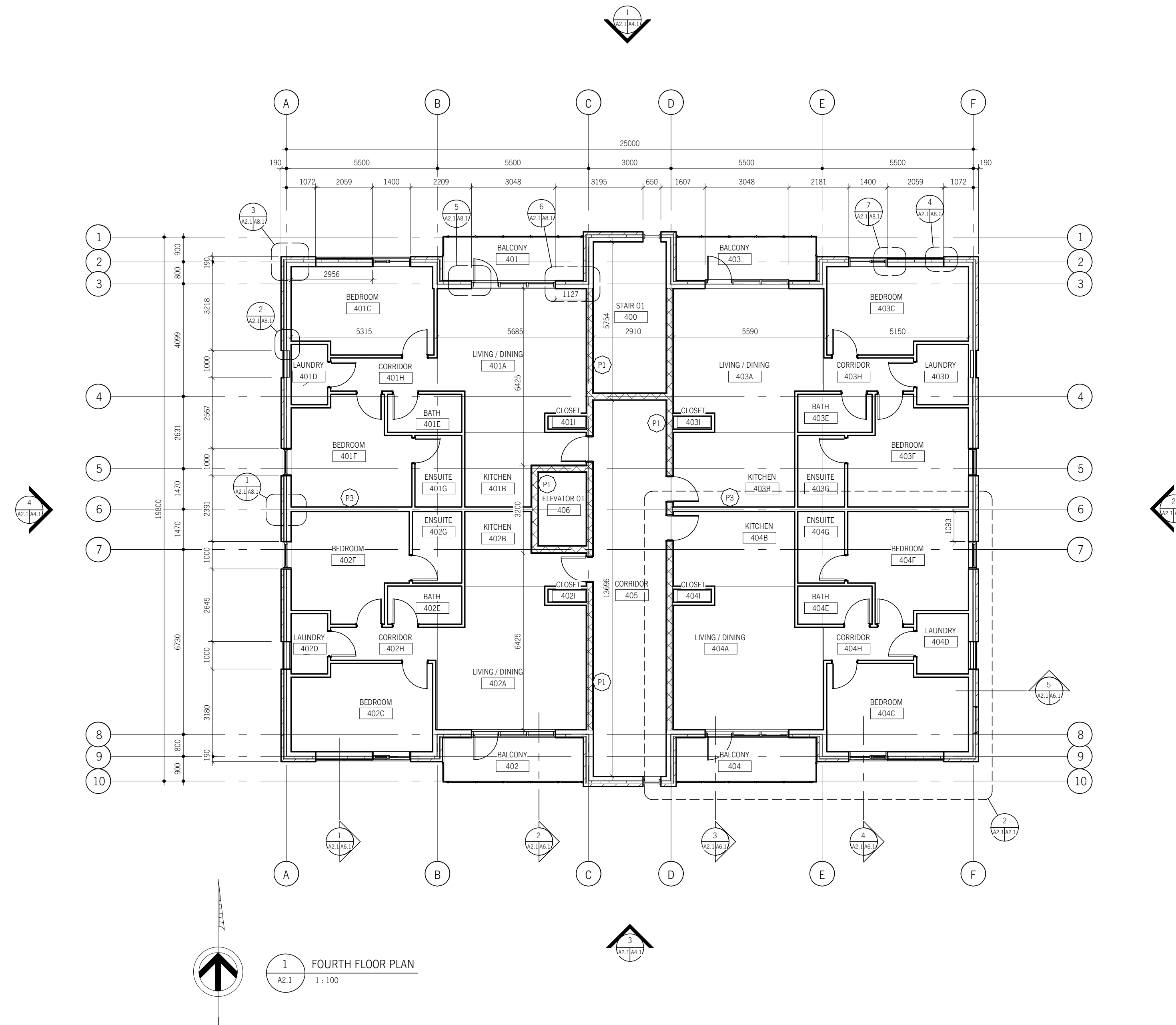
Suite 200, 300 Waterfront Drive
Winnipeg, MB Canada R3B 0G5
t. 204.885.9323

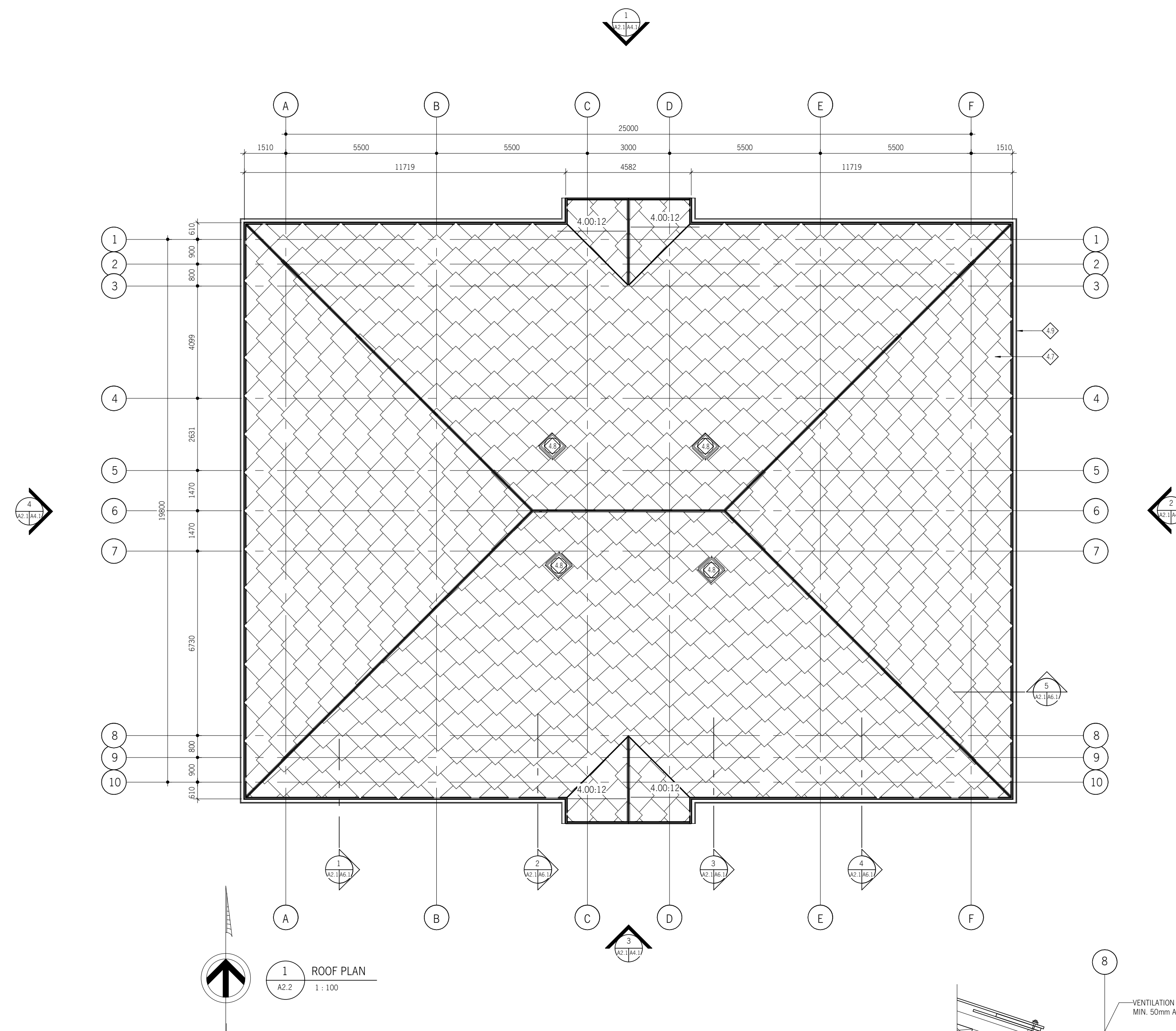
PROJECT NO.	26955
DATE (Y/M/D)	26/03/02
DESIGNED BY	AD / BDR / ZS
DRAWN BY	MT
CHECKED BY	Checker
CLIENT	SUSTAINABLE BUILDING MANITOBA

PROJECT TITLE
RESIDENTIAL BUILDING

CONTENTS
FOURTH FLOOR PLAN

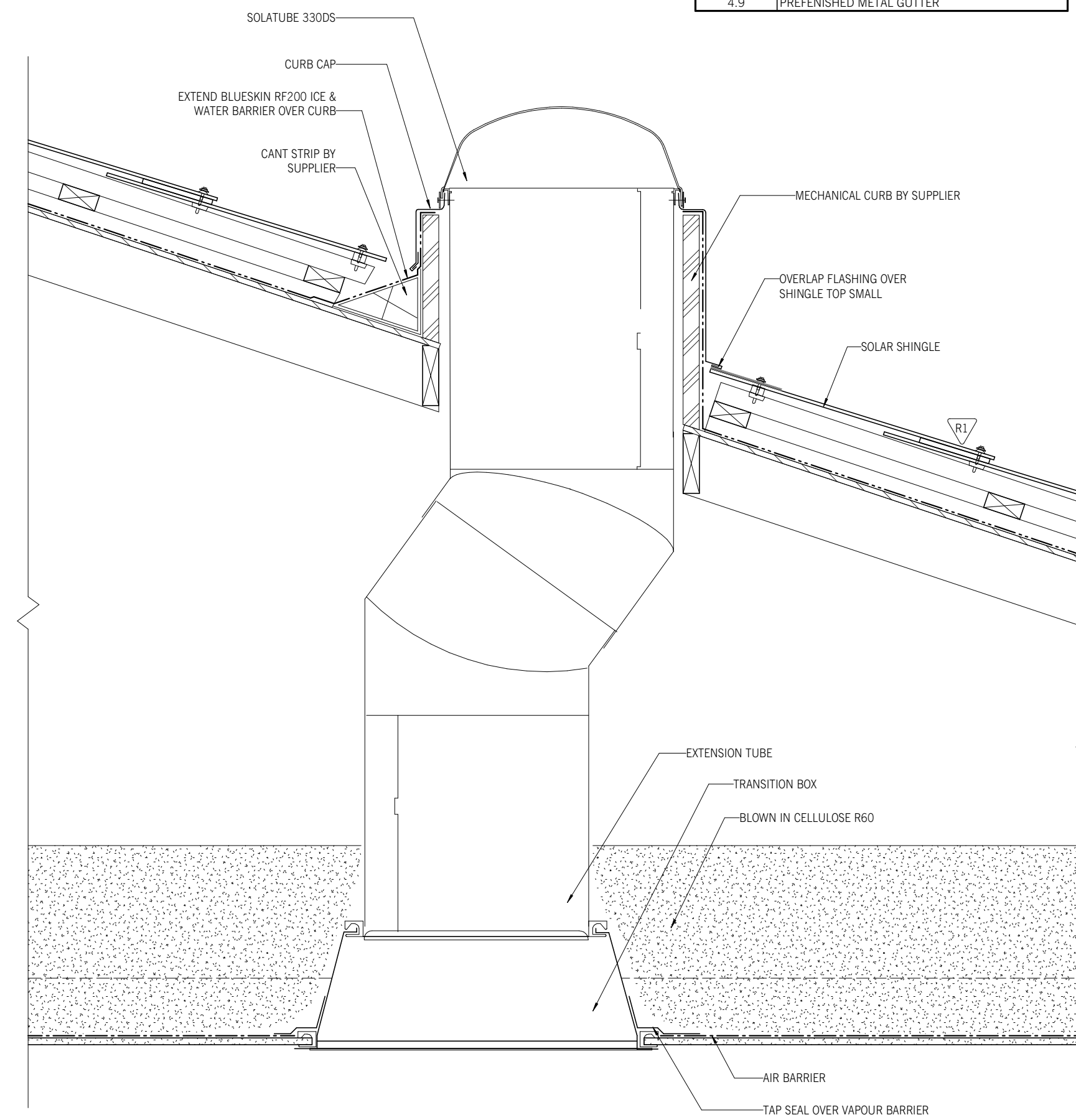
DRAWING
A2.1



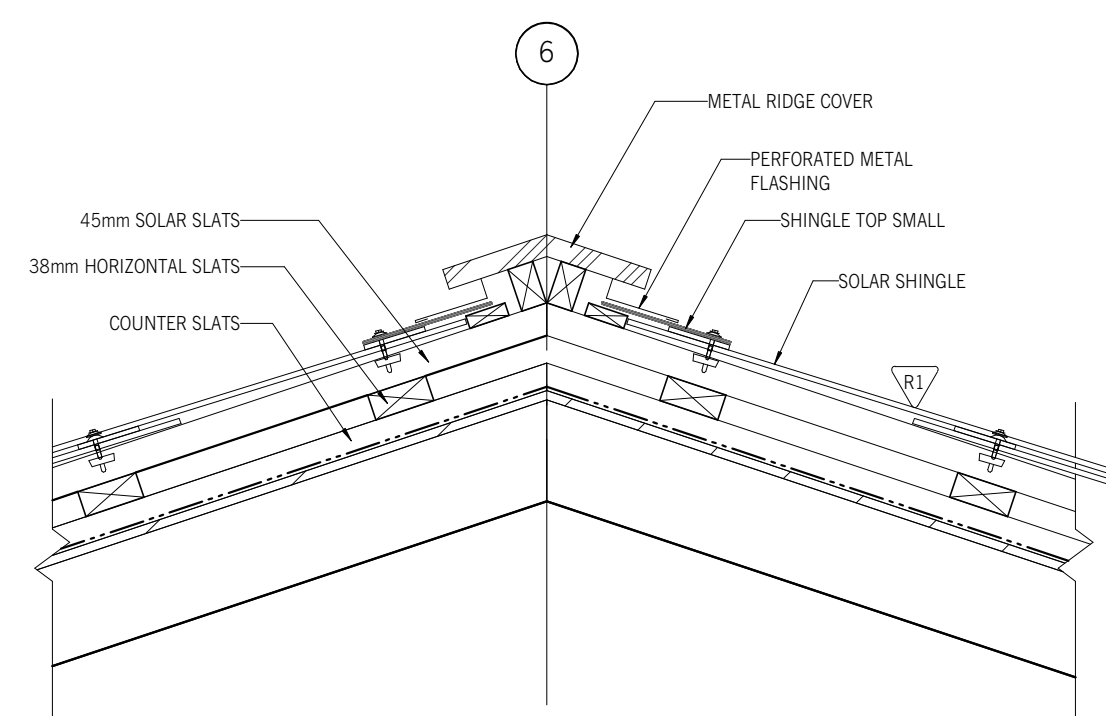


1 ROOF PLAN
A2.2 1:100

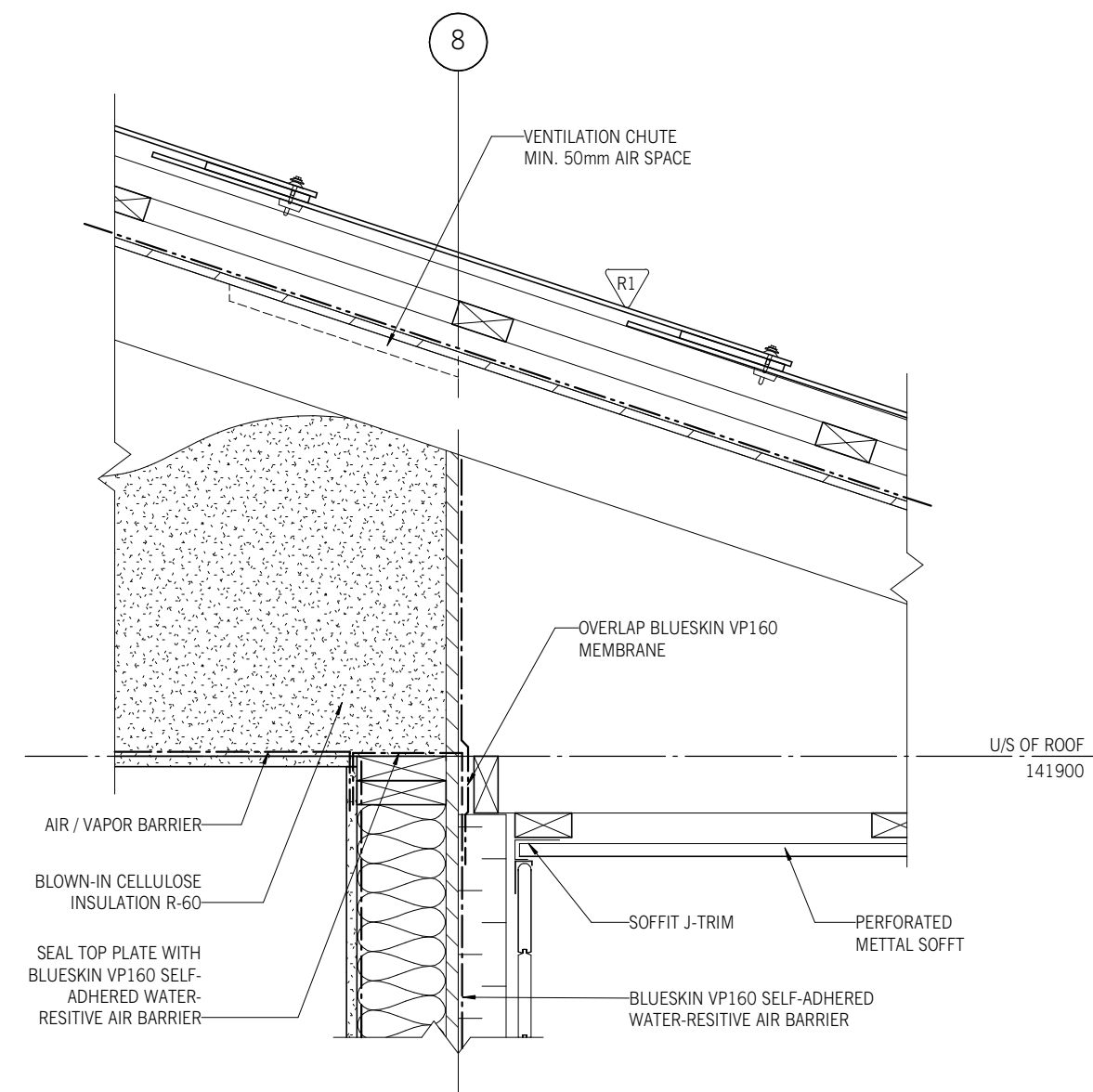
DRAWING KEYNOTE LEGEND	
NOTE: ONLY KEYNOTES APPEARING ON SHEET ARE LISTED	
4.7	SOLAR SHINGLES - SUN STYLE (BLACK)
4.8	SOLATUBE 330 DS-C
4.9	PREFINISHED METAL GUTTER



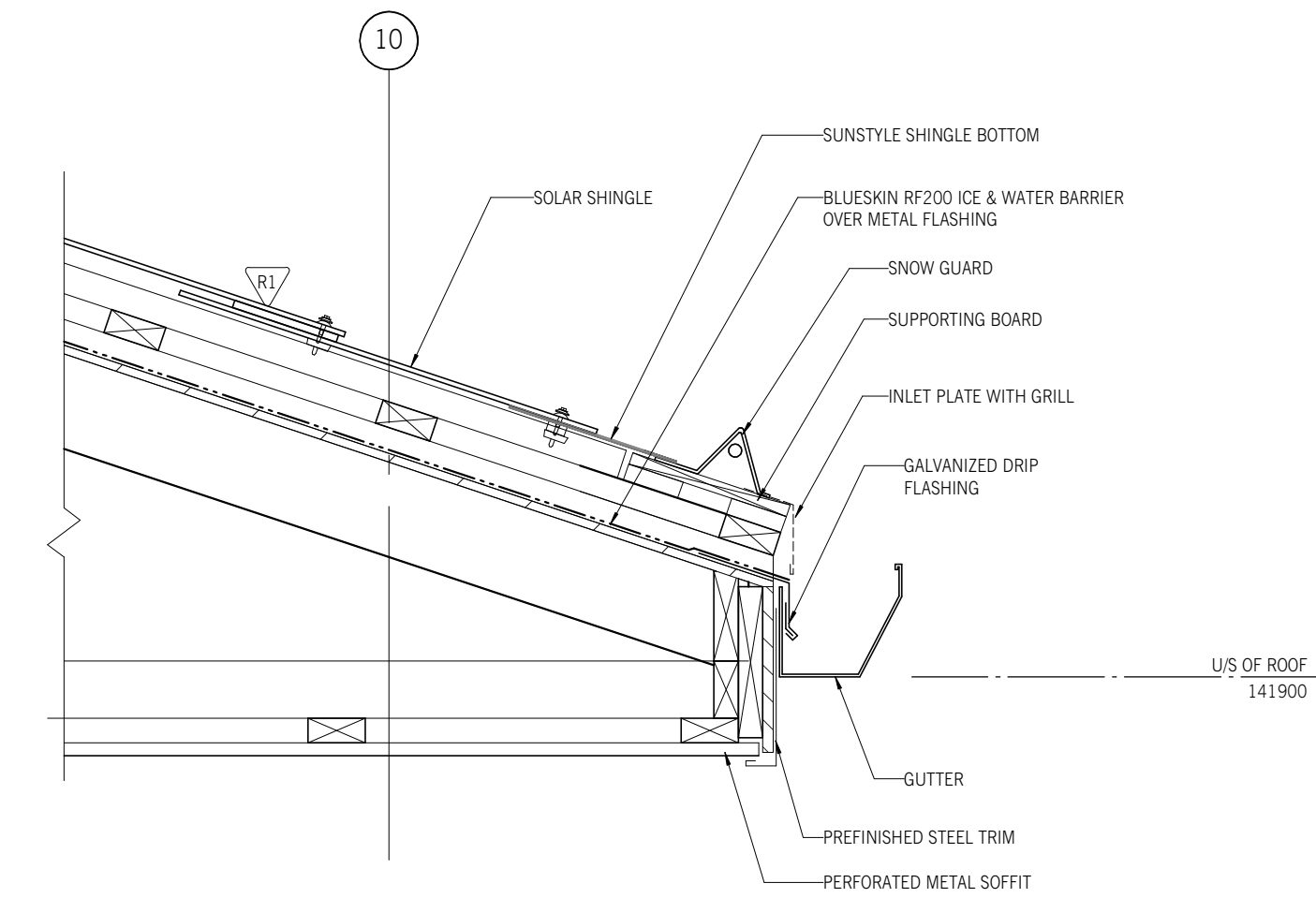
4 SOLATUBE SECTION DETAIL
A2.2 1:10



2 ROOF COVER DETAIL
A2.2 1:10



5 TYP. WALL - ROOF INTERSECTION
A2.2 1:10



3 TYP. SLOPE ROOF DETAIL
A2.2 1:10

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

SUBCONSULTANTS

SEALS

NOT FOR CONSTRUCTION

ft3
Architecture
Landscape
Interior Design

Suite 200, 300 Waterfront Drive
Winnipeg, MB Canada R3B 0G5
t. 204.885.9323

PROJECT NO.	DATE (Y/M/D)	DESIGNED BY	DRAWN BY	CHECKED BY
26955		AD / BDR / ZS	MT	Checker

CLIENT
**SUSTAINABLE BUILDING
MANITOBA**

PROJECT TITLE
RESIDENTIAL BUILDING

CONTENTS
ROOF PLAN

DRAWING
A2.2

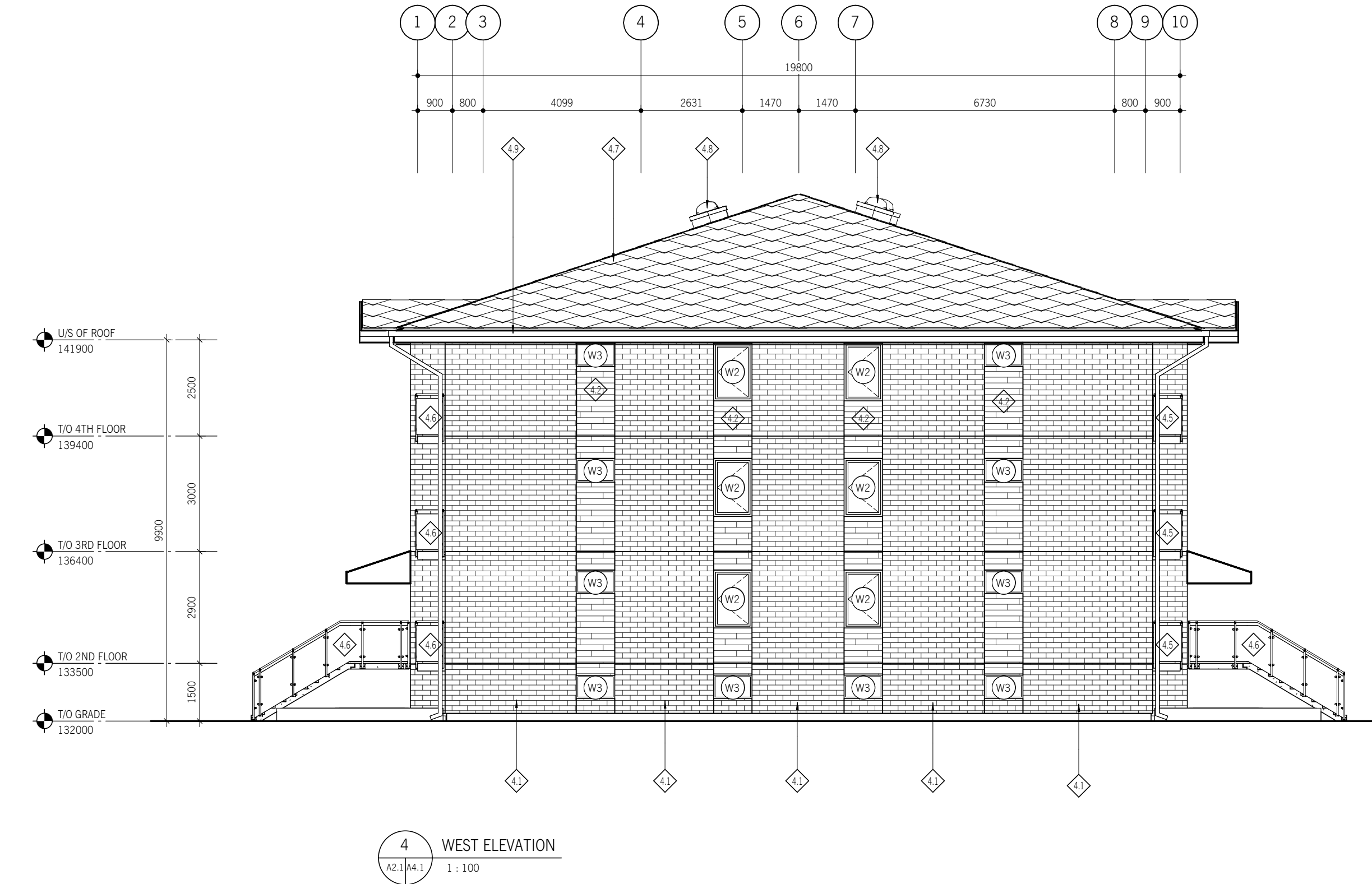
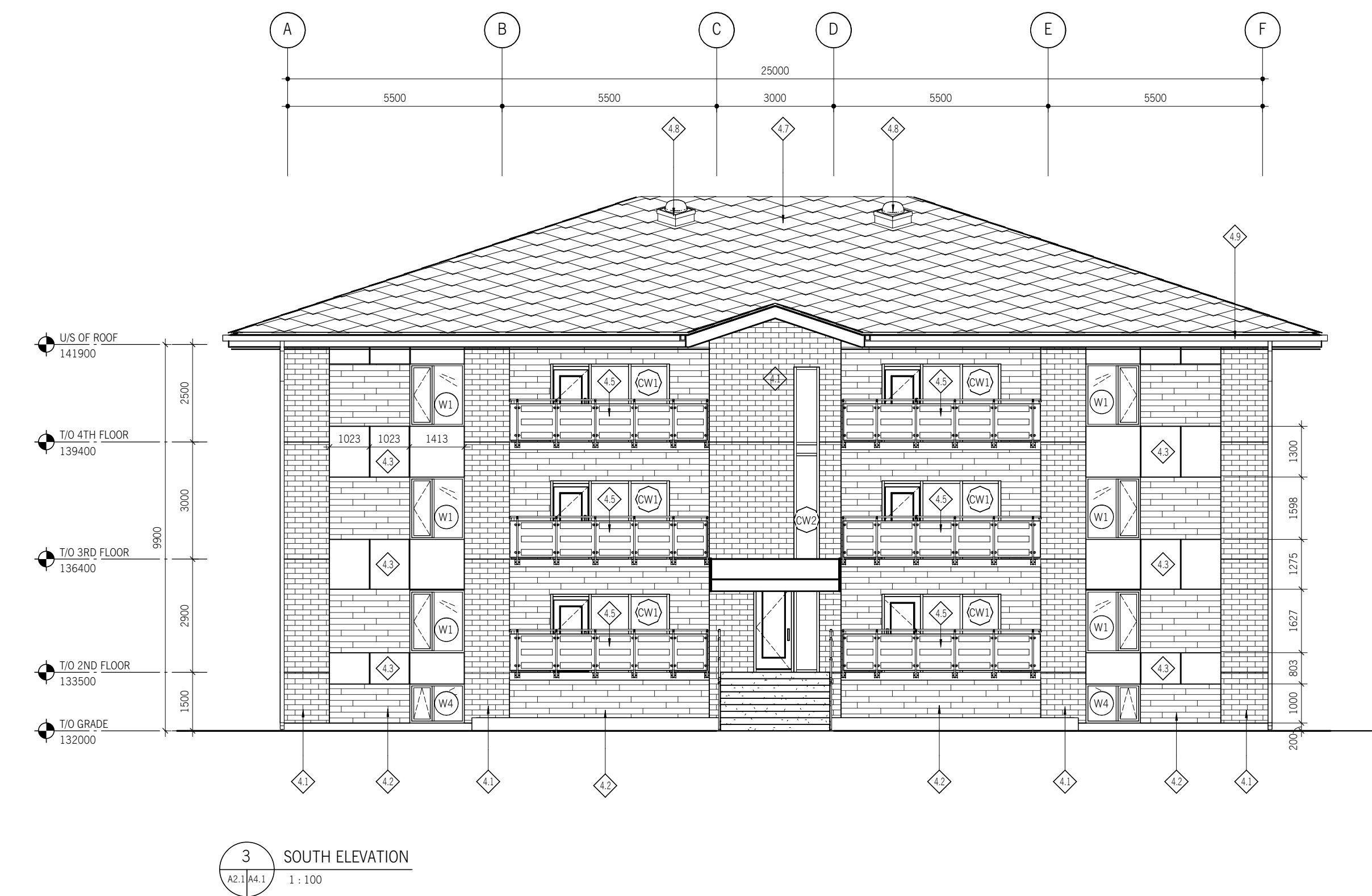
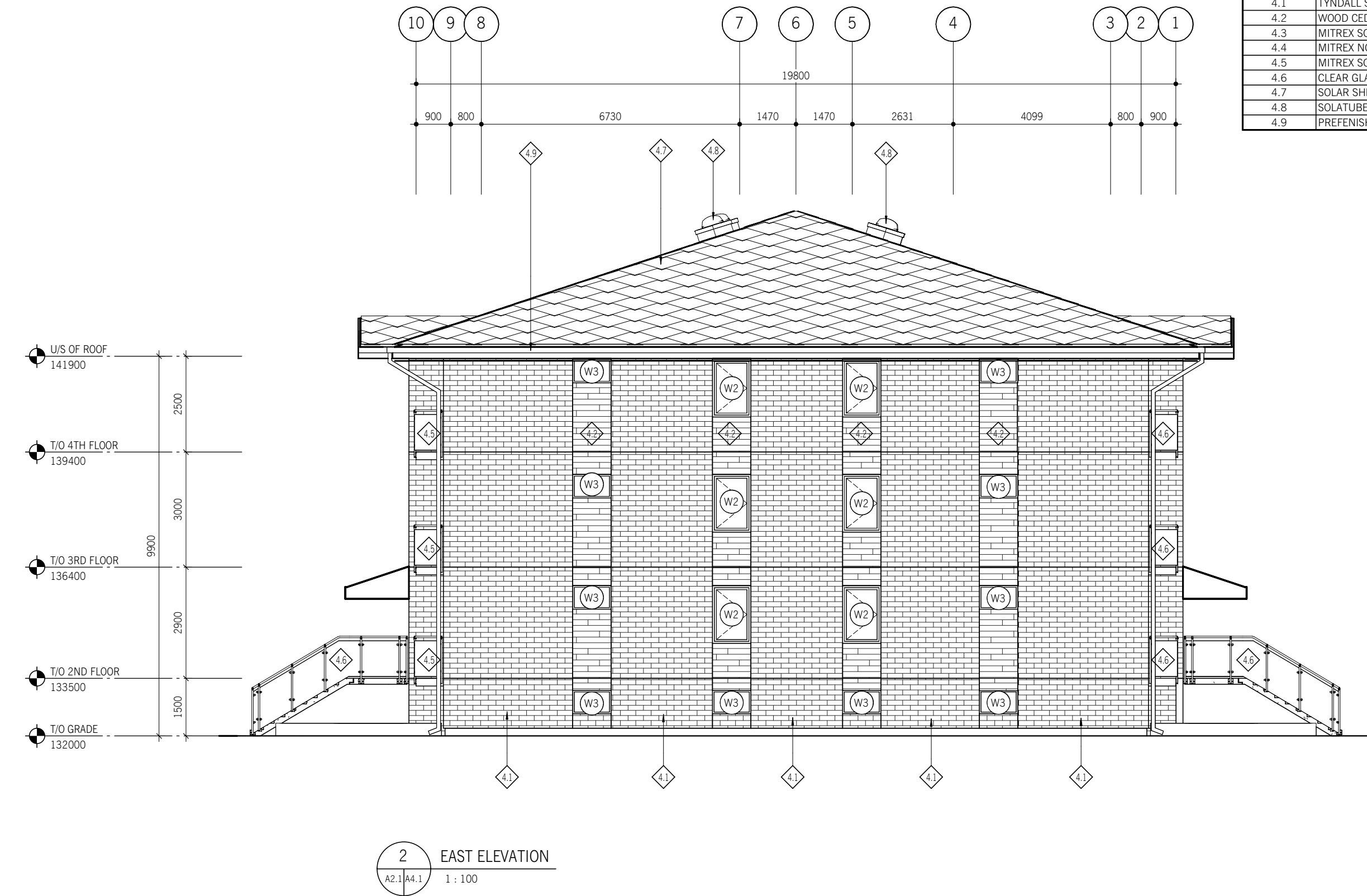
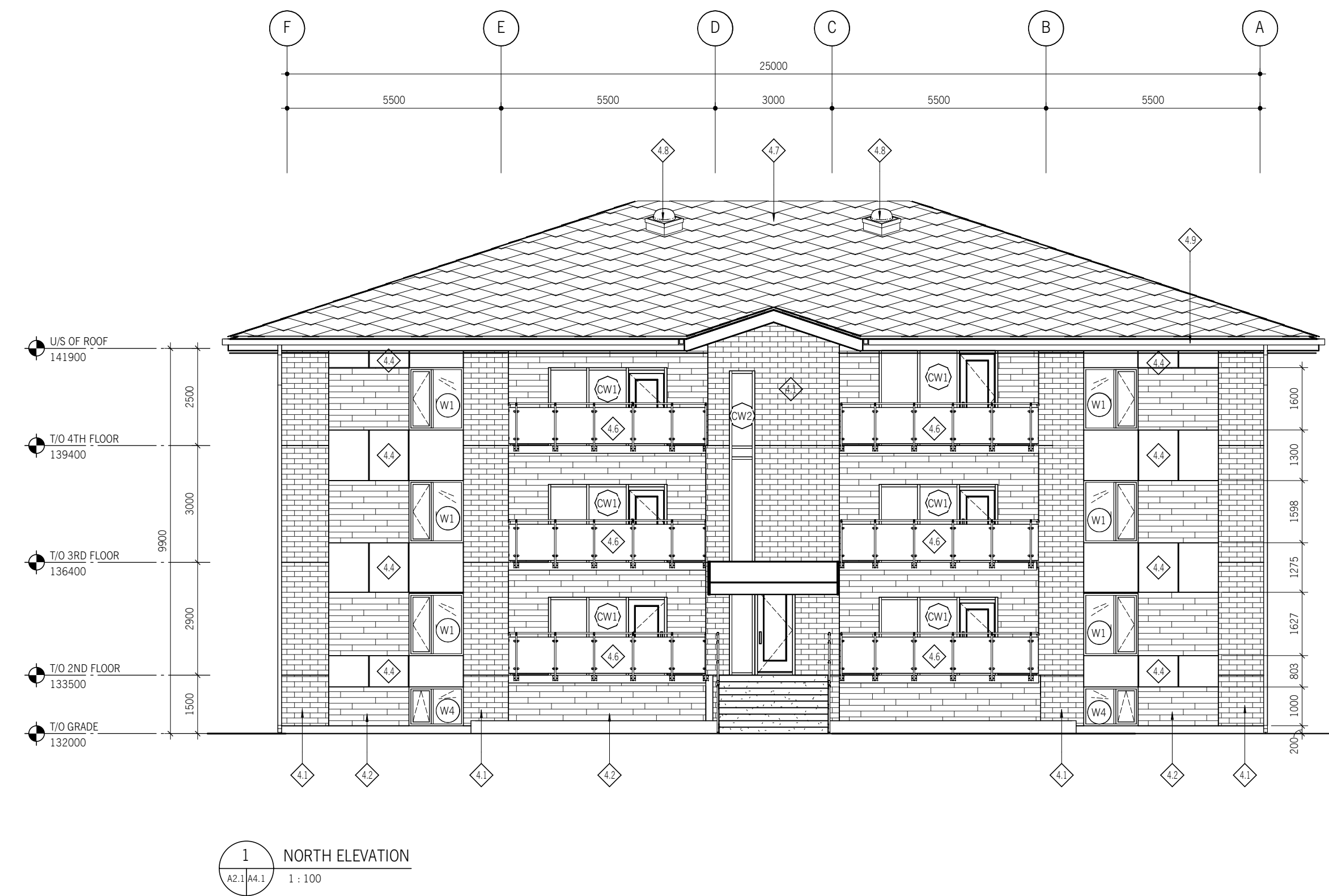
DRAWING KEYNOTE LEGEND	
◆	NOTE: ONLY KEYNOTES APPEARING ON SHEET ARE LISTED
4.1	TYNDALL STONE VENEER (SAWN)
4.2	WOOD CEDAR SIDING TAG (V-JOINT)
4.3	MITREX SOLAR PANELS (GREY)
4.4	MITREX NON-SOLAR PANELS (GREY)
4.5	MITREX SOLAR RAILING
4.6	CLEAR GLASS BALCONY RAILING
4.7	SOLAR SHINGLES - SUN STYLE (BLACK)
4.8	SOLATUBE 330 DS-C
4.9	PREFINISHED METAL GUTTER

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

SUBCONSULTANTS

SEALS

NOT FOR CONSTRUCTION



Suite 200, 300 Waterfront Drive
Winnipeg, MB Canada R3B 0G5
t. 204.885.9323

PROJECT NO.	DATE (Y/M/D)	DESIGNED BY	DRAWN BY	CHECKED BY	CLIENT
26955	26/03/02	AD / BDR / ZS	MT	Checker	SUSTAINABLE BUILDING MANITOBA

PROJECT TITLE
RESIDENTIAL BUILDING

CONTENTS
EXTERIOR ELEVATIONS

DRAWING

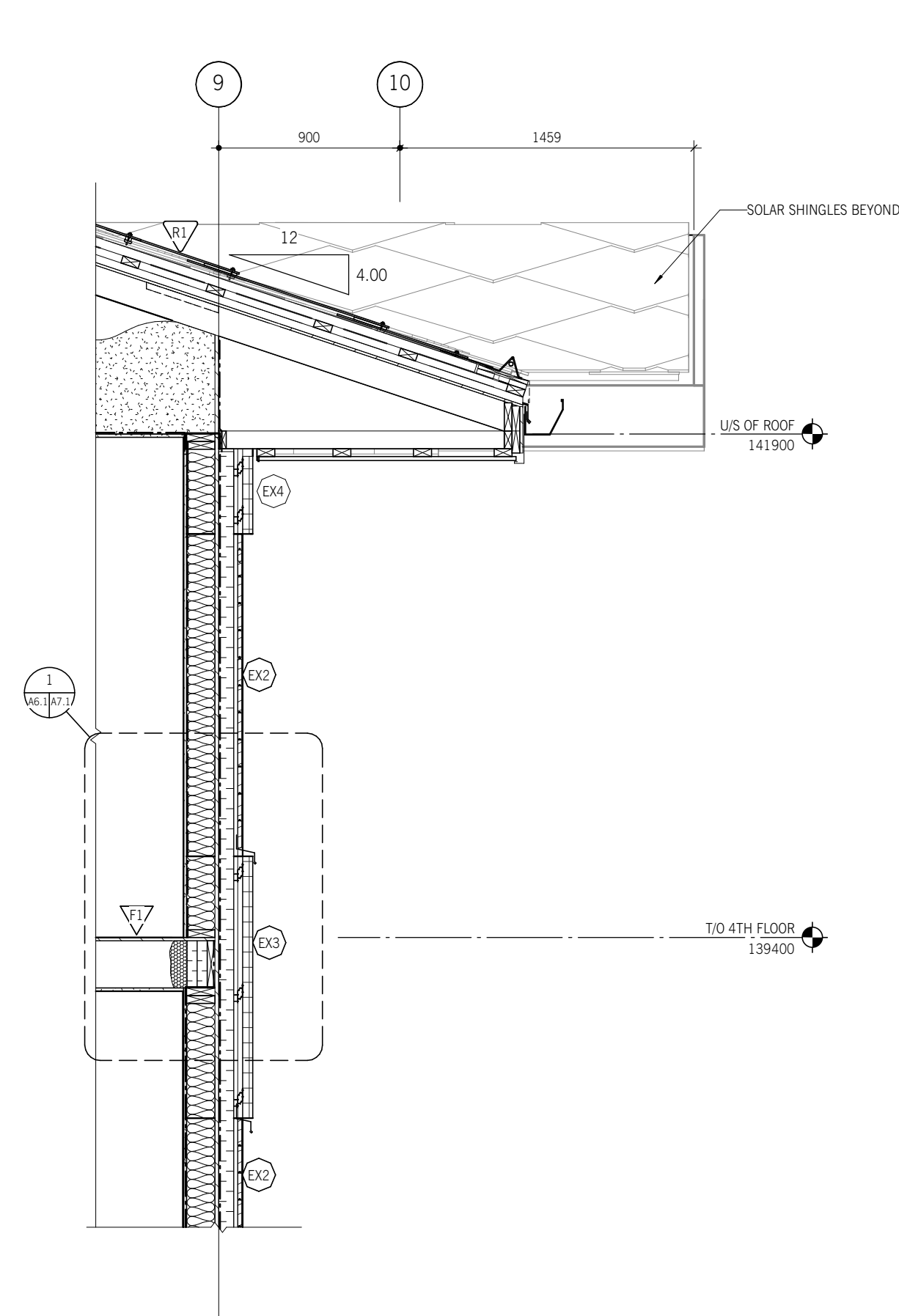
A4.1

Drawings and specifications, as instruments of service are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

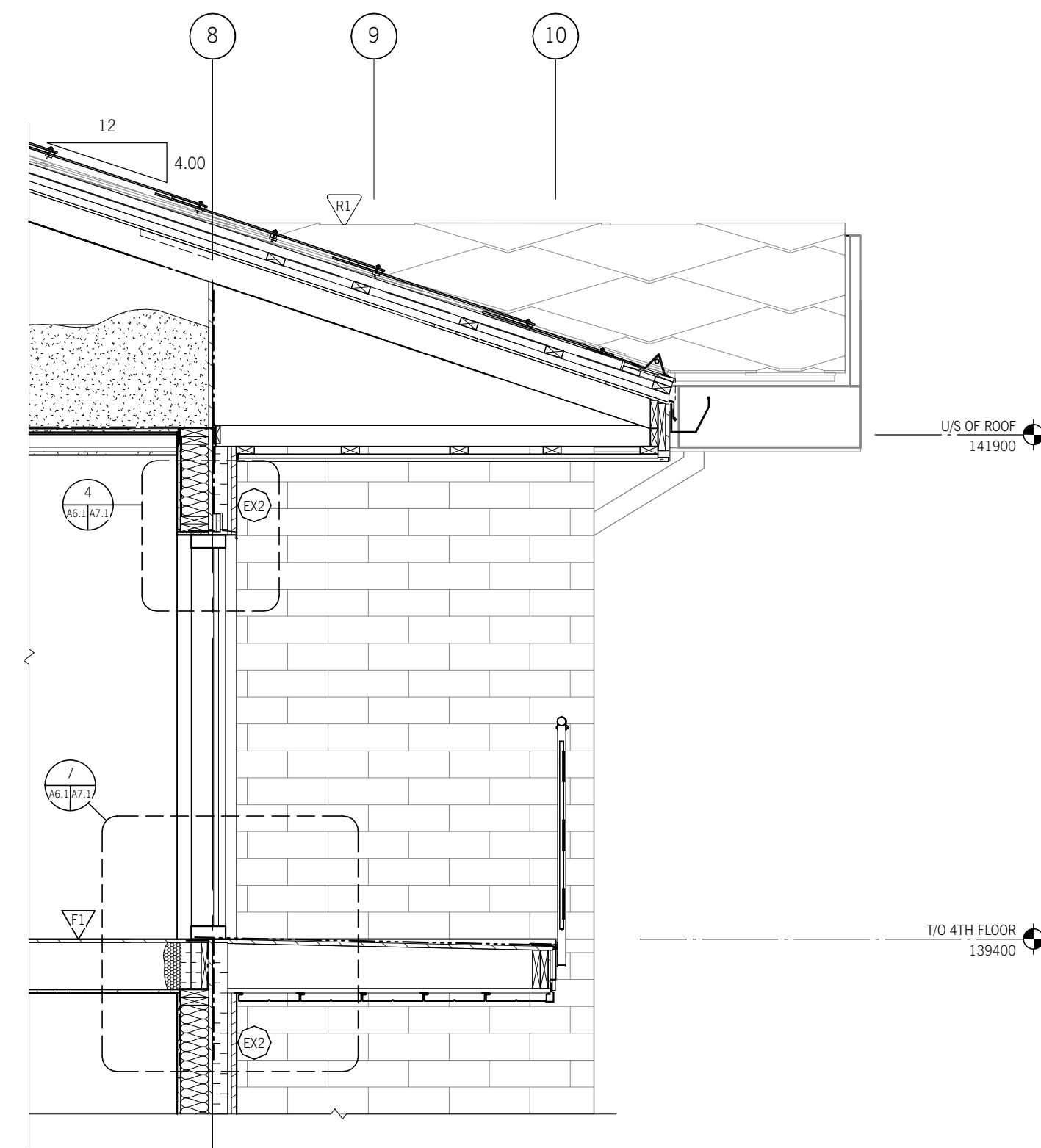
SUBCONSULTANTS

SEALS

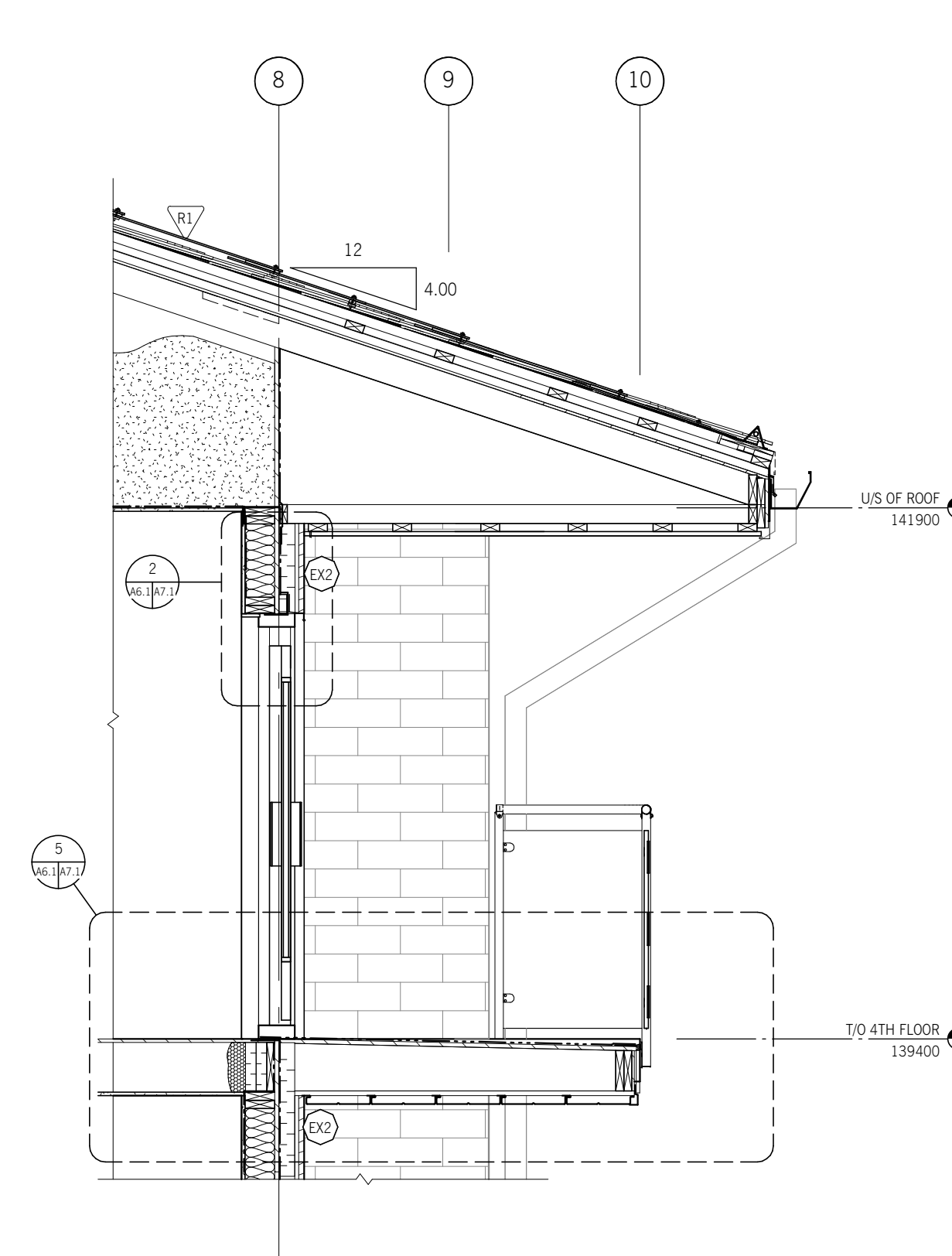
NOT FOR CONSTRUCTION



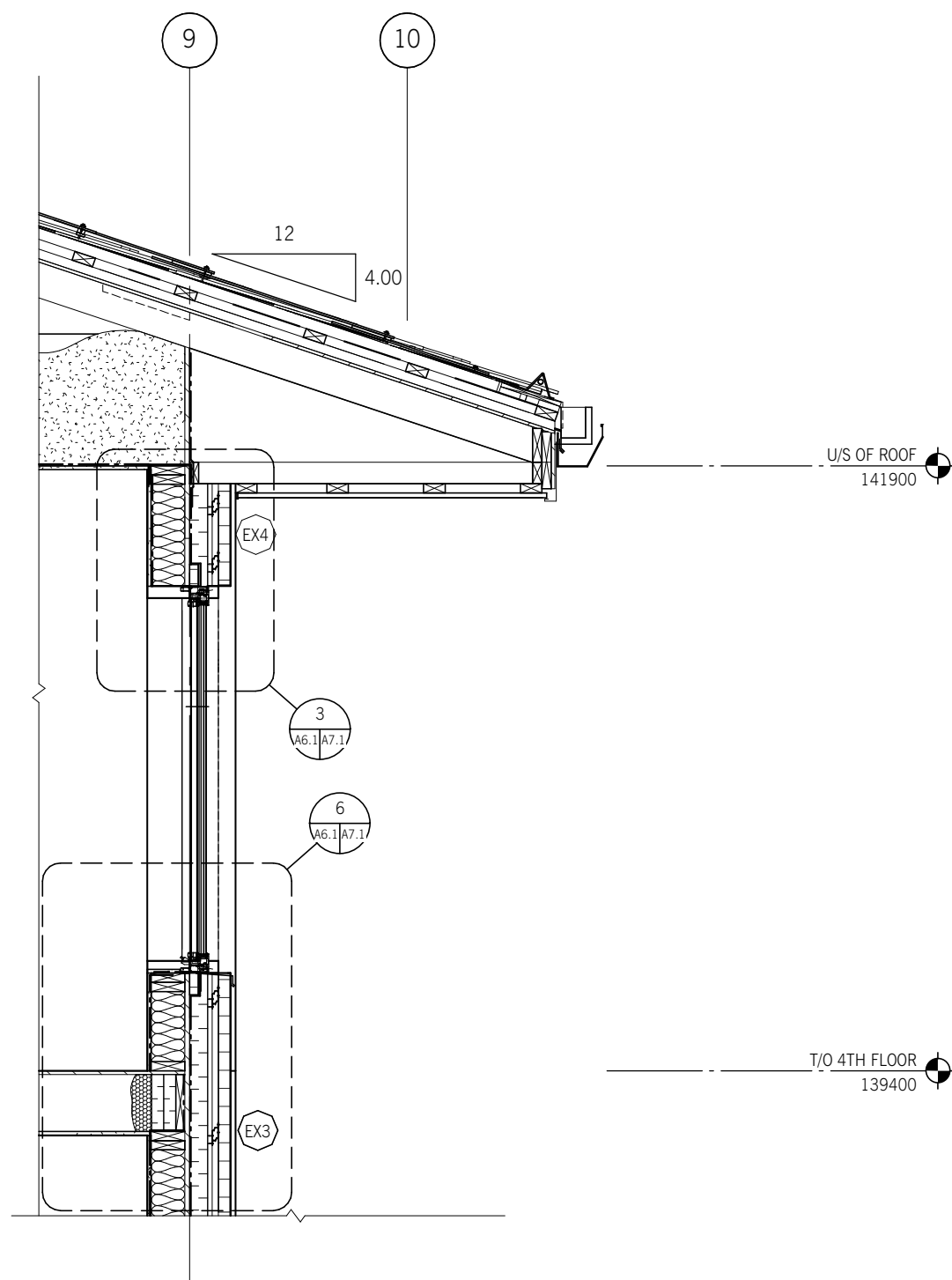
1 WALL SECTION - MITREX TO WOOD SIDING
 A2:16.1 1:25



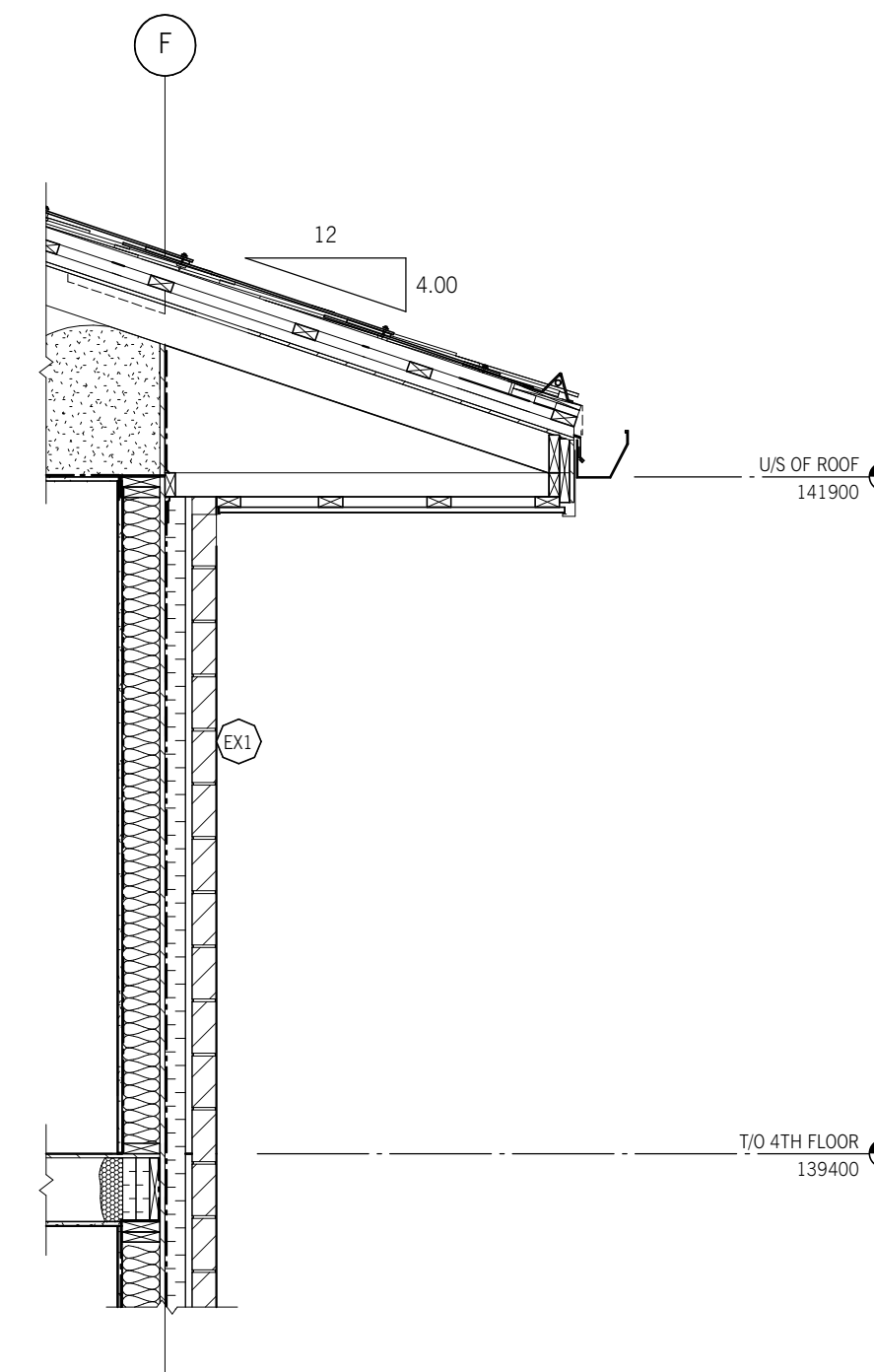
2 WALL SECTION - BALCONY CW
 A2:16.1 1:25



3 WALL SECTION - BALCONY DOOR
 A2:16.1 1:25



4 WALL SECTION - OPERABLE WINDOW
 A2:16.1 1:25



5 WALL SECTION - TYNDALL STONE
 A2:16.1 1:25

Suite 200, 300 Waterfront Drive
 Winnipeg, MB Canada R3B 0G5
 T. 204.885.9323

PROJECT NO.	26955
DATE (Y/M/D)	26/03/02
DESIGNED BY	AD / BDR / ZS
DRAWN BY	MT
CHECKED BY	Checker
CLIENT	SUSTAINABLE BUILDING MANITOBA

PROJECT TITLE
 RESIDENTIAL BUILDING

CONTENTS
 WALL SECTIONS

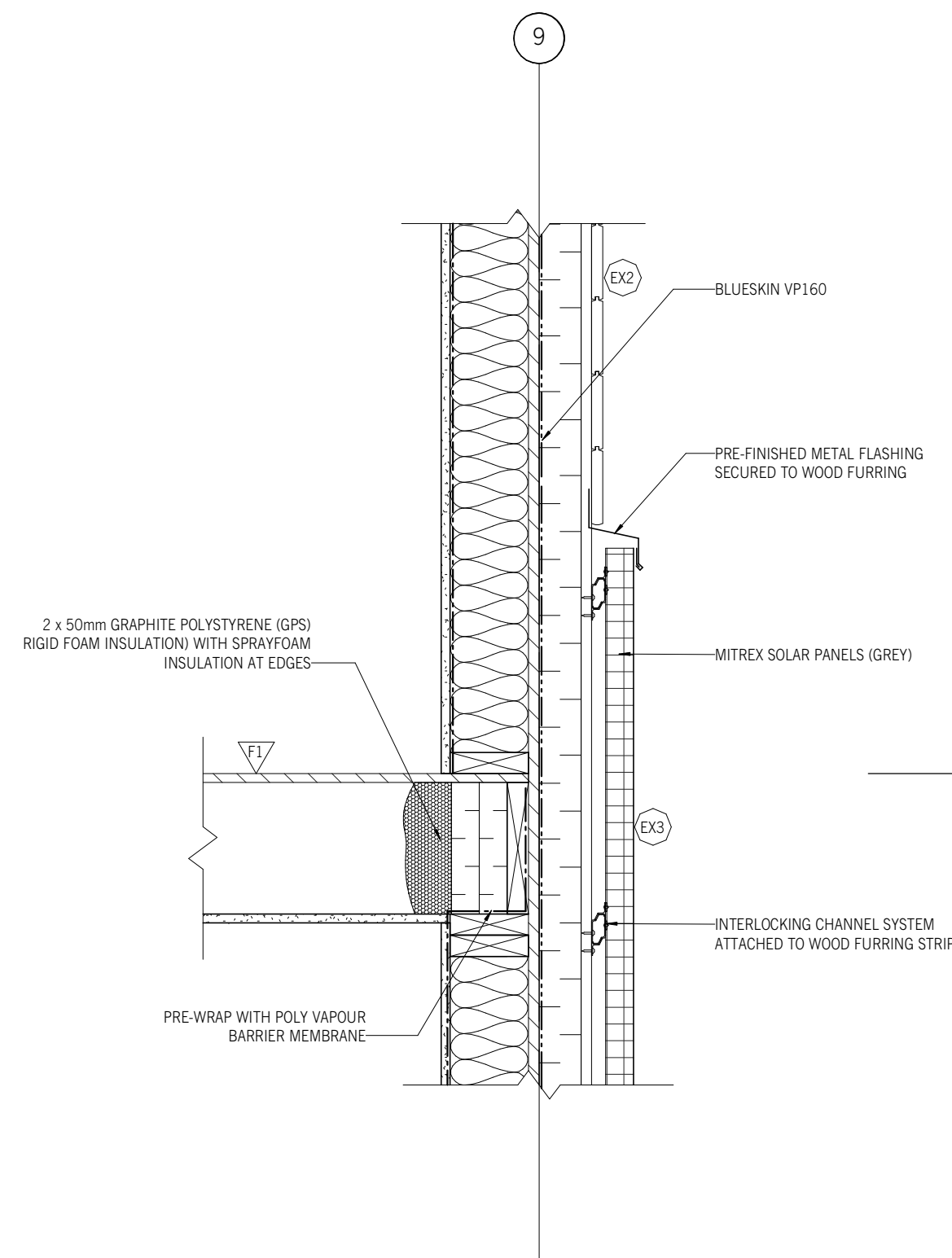
DRAWING
A6.1

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

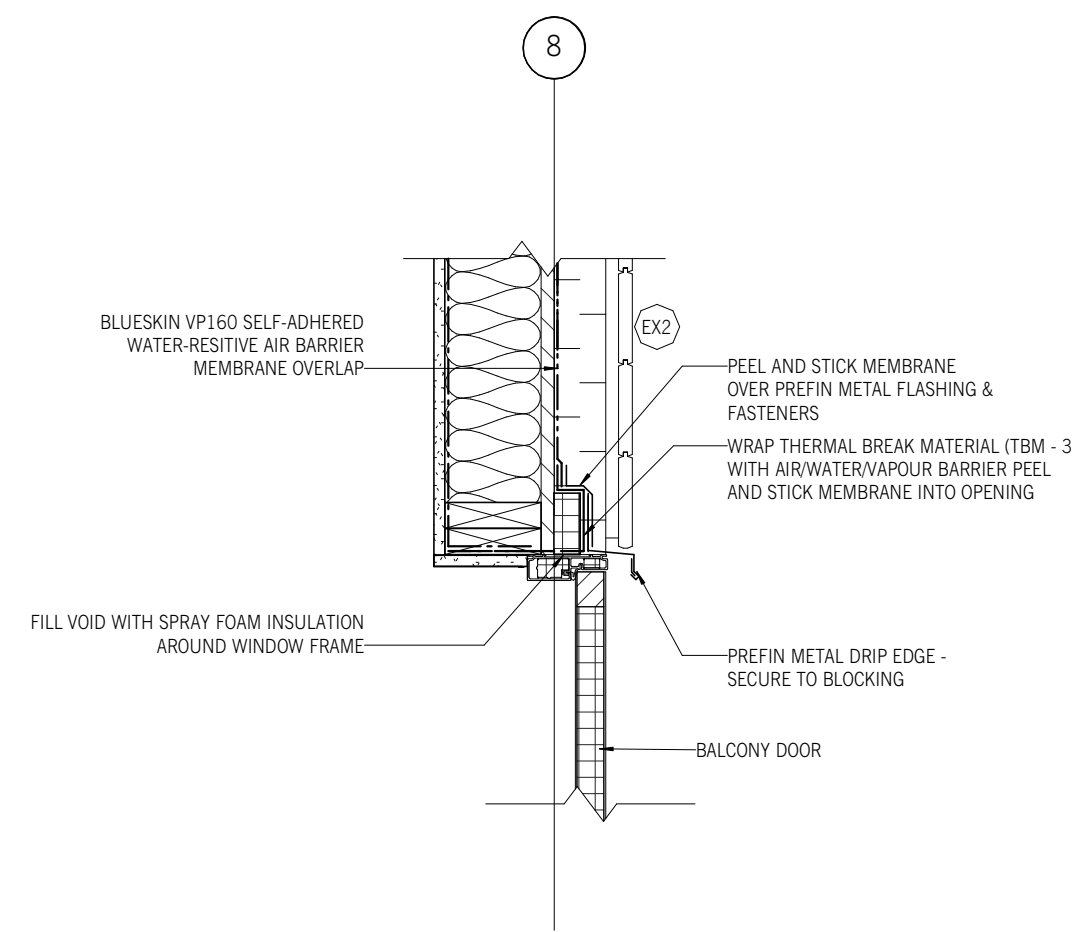
SUBCONSULTANTS

SEALS

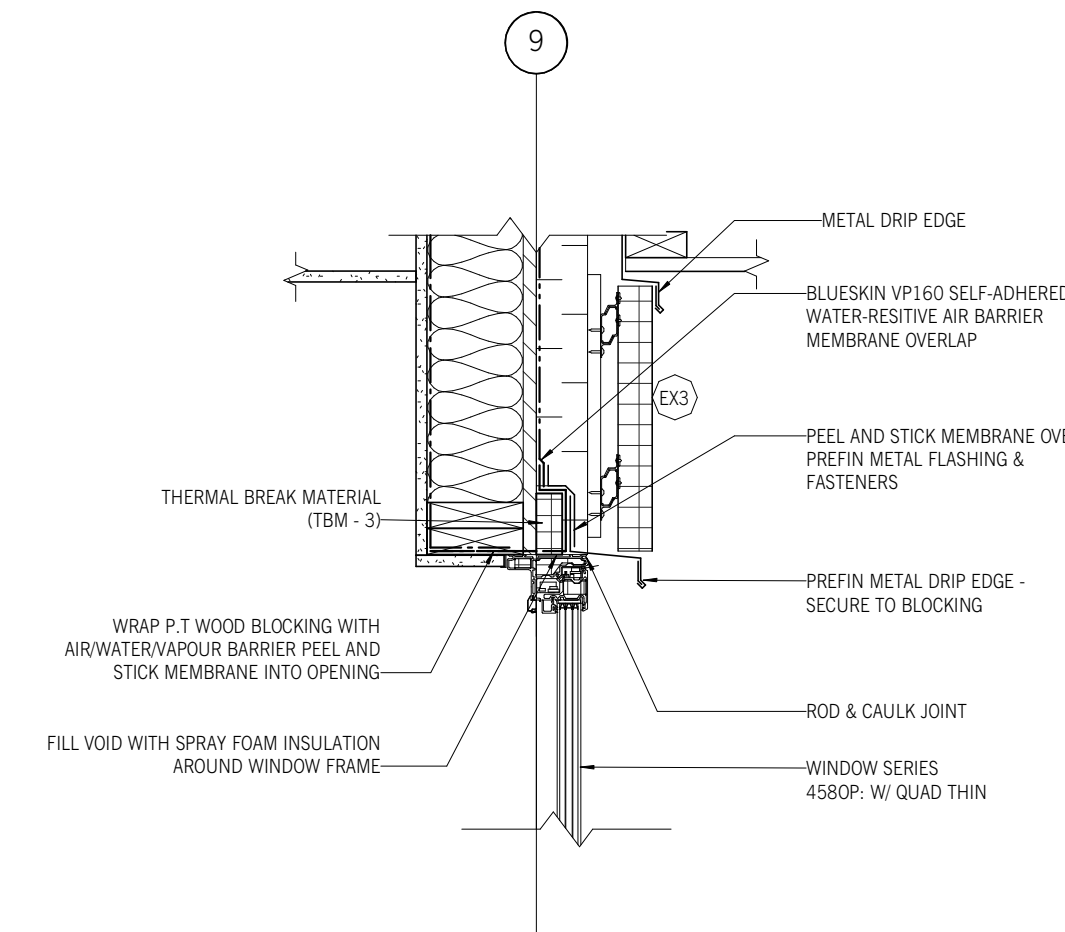
NOT FOR CONSTRUCTION



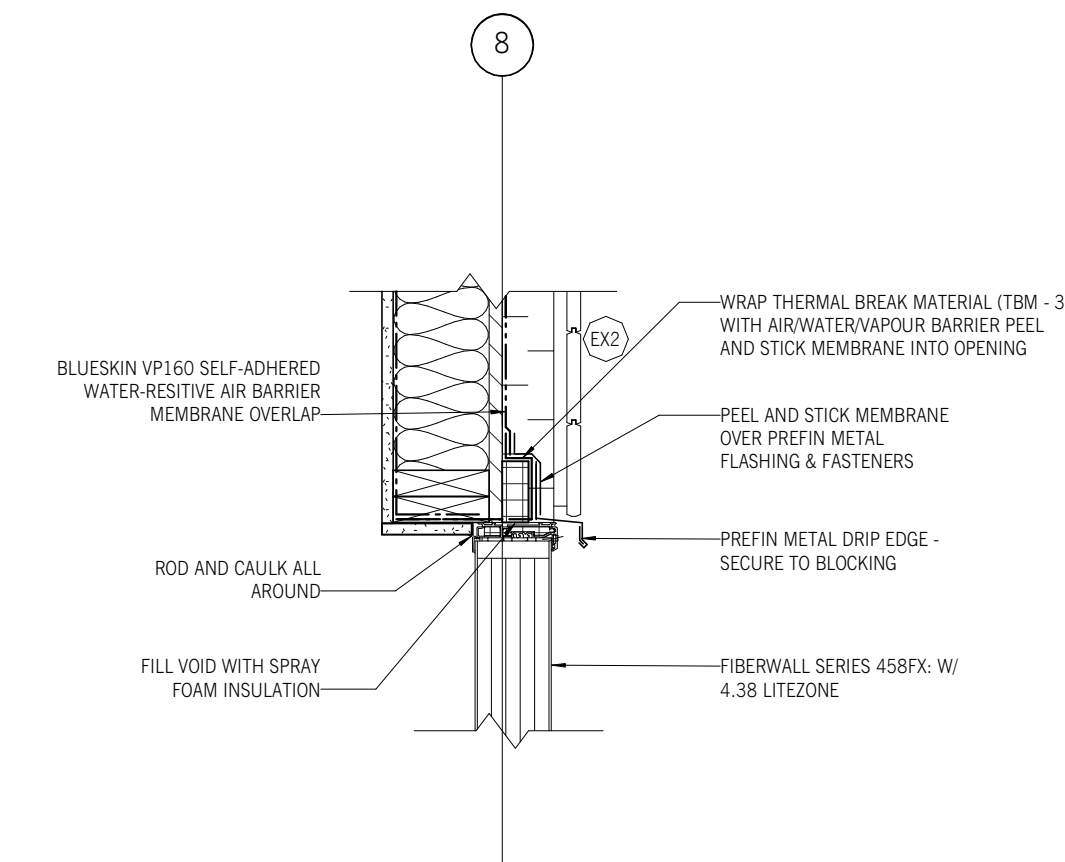
1 MITREX - WOOD FLOOR TRANSITION
1:10



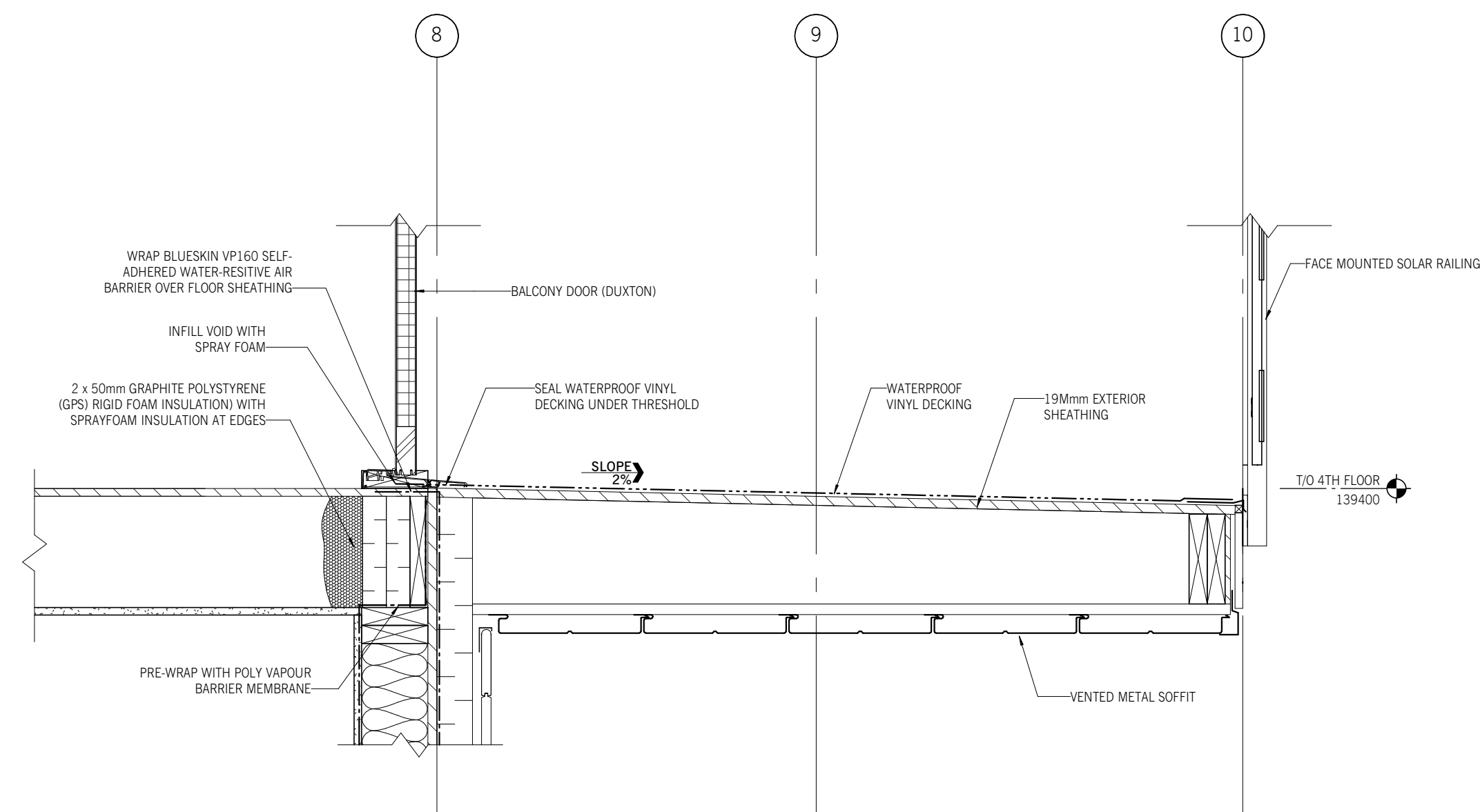
2 DOOR HEAD AT BALCONY
1:10



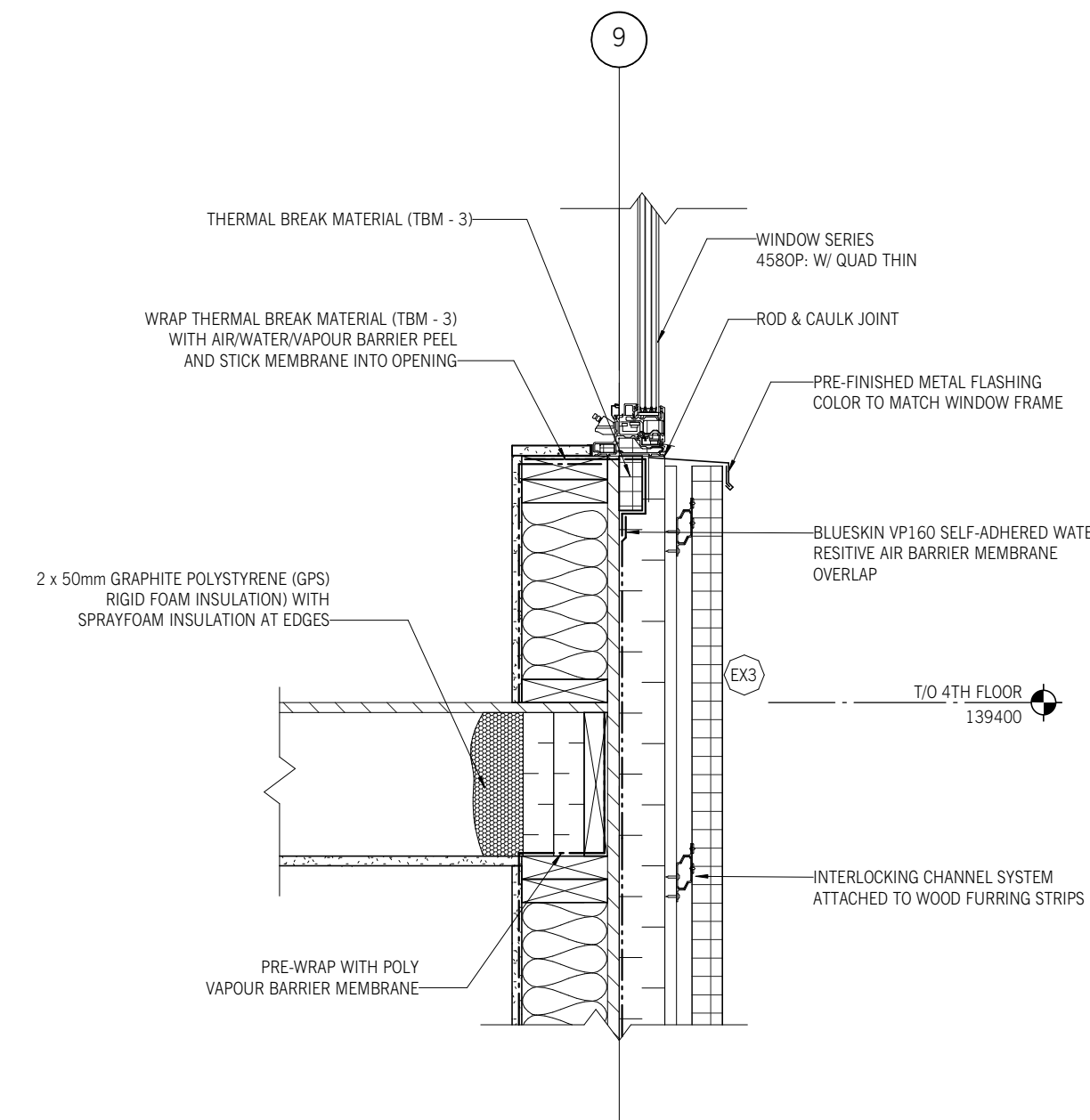
3 OPERABLE WINDOW HEAD
1:10



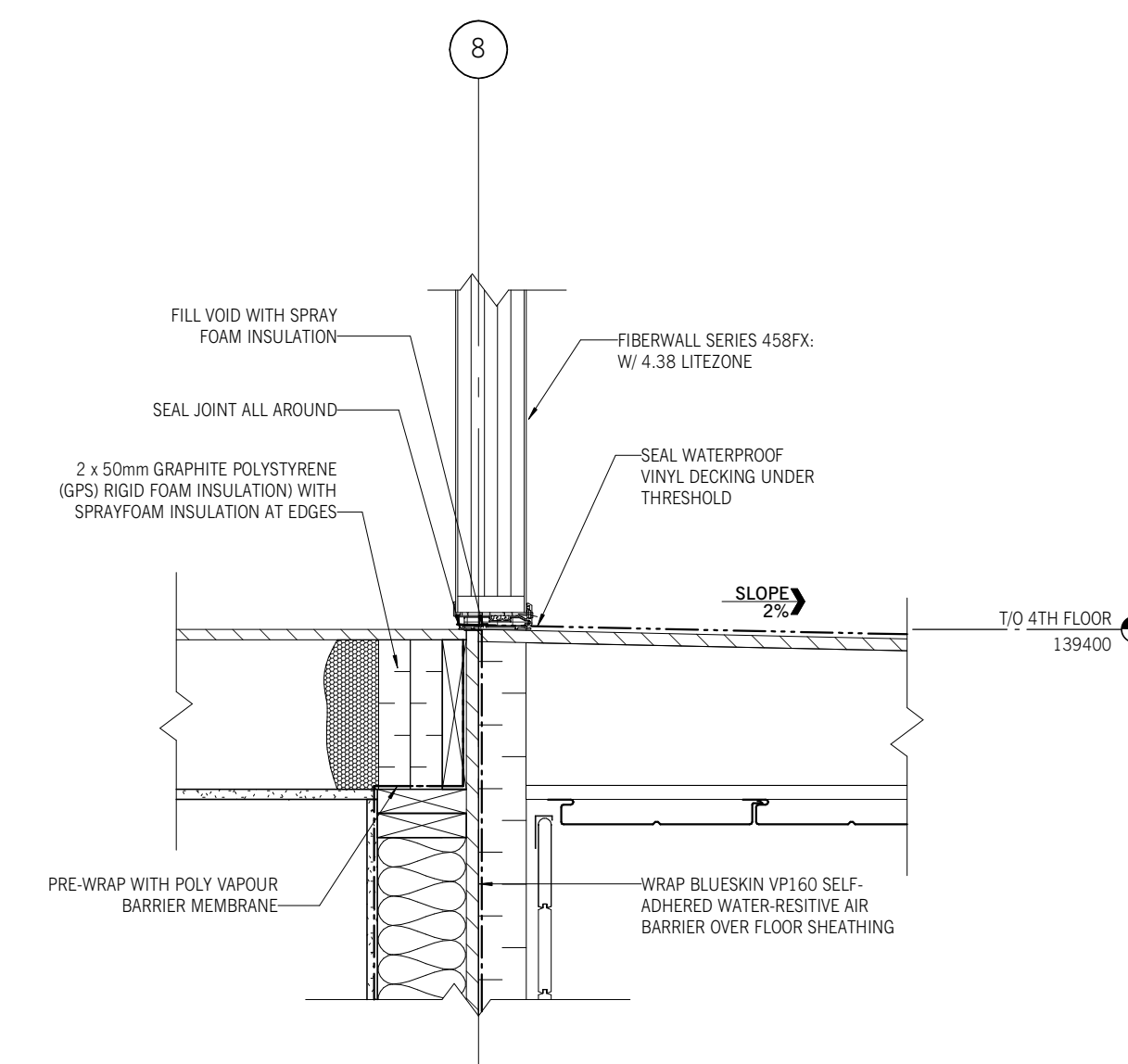
4 CW HEAD AT BALCONY
1:10



5 DOOR SILL AT BALCONY
1:10



6 OPERABLE WINDOW SILL
1:10



7 CW SILL AT BALCONY
1:10

Suite 200, 300 Waterfront Drive
Winnipeg, MB Canada R3B 0G5
t. 204.885.9323

PROJECT NO.	26955
DATE (Y/M/D)	26/03/02
DESIGNED BY	AD / BDR / ZS
DRAWN BY	MT
CHECKED BY	Checker

CLIENT
SUSTAINABLE BUILDING
MANITOBA

PROJECT TITLE
RESIDENTIAL BUILDING

CONTENTS
SECTION DETAILS

DRAWING

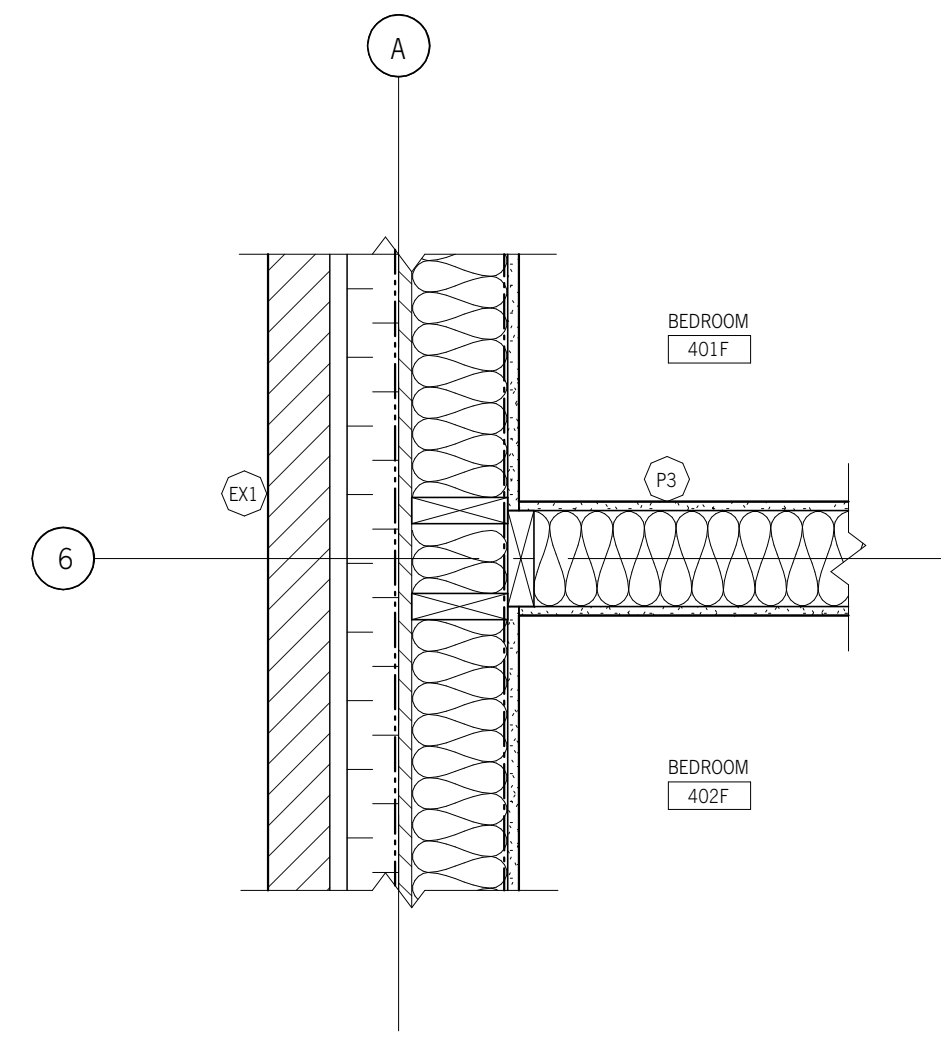
A7.1

Drawings and specifications, as instruments of service, are the property of the architect. The copyright in the same being reserved to him. No reproduction may be made without the permission of the architect and when made, must bear his name. All prints to be returned to the architect. The contractor shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. This drawing shall not be used for building purposes until countersigned by:

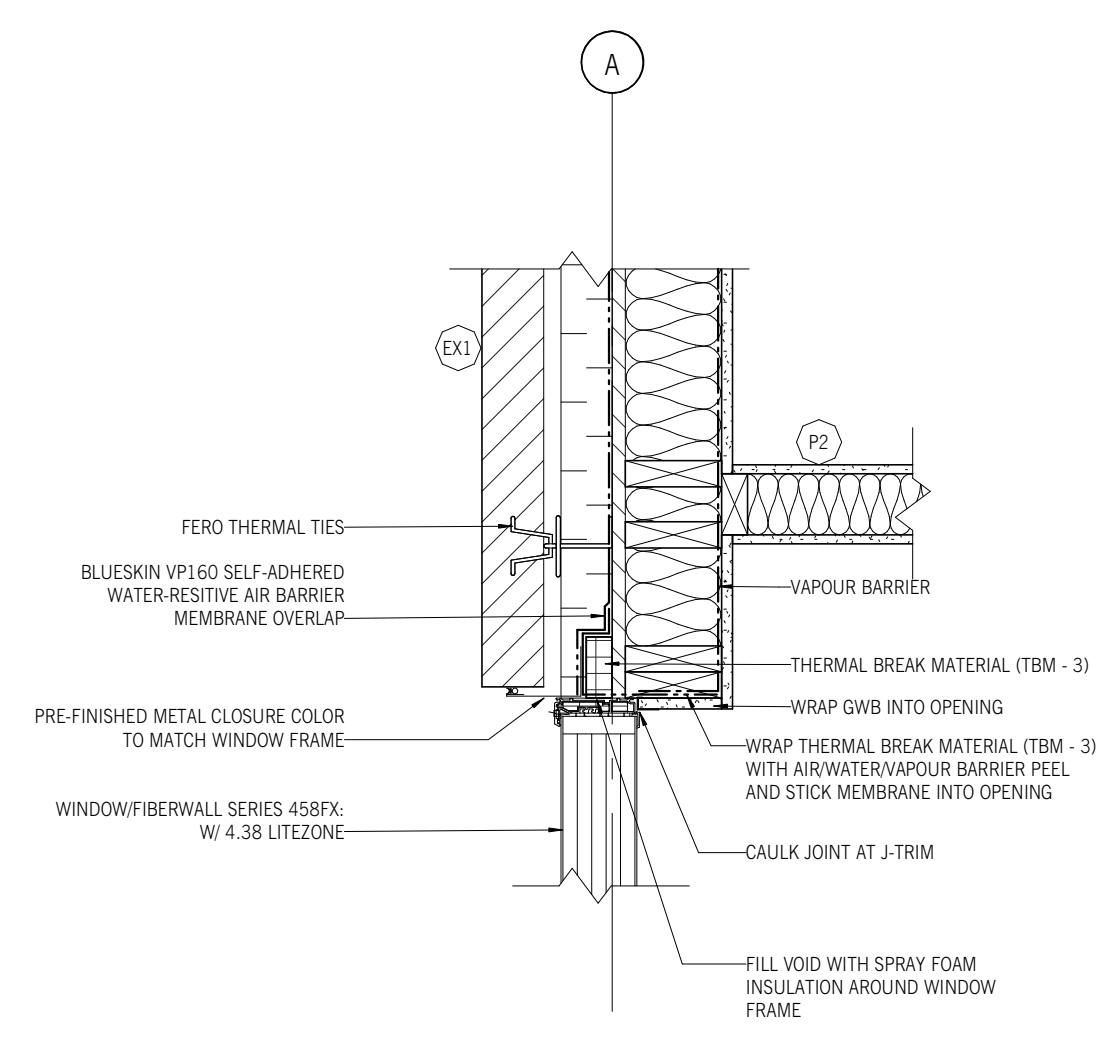
SUBCONSULTANTS

SEALS

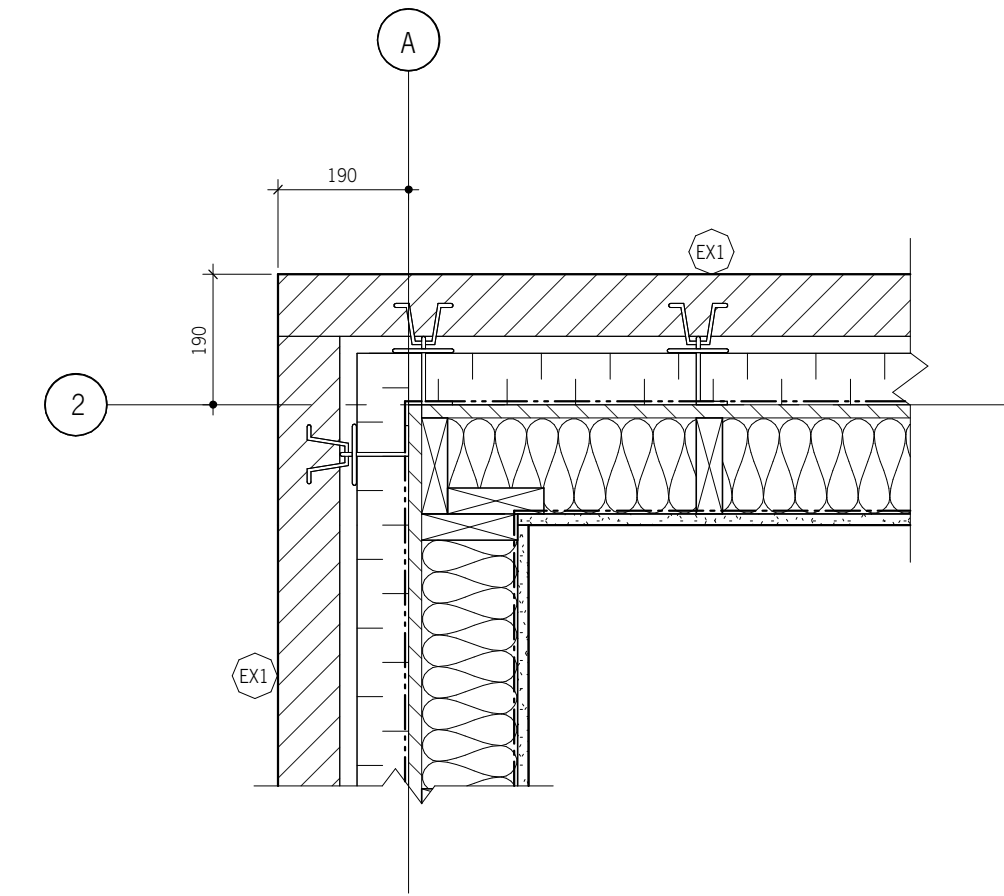
NOT FOR CONSTRUCTION



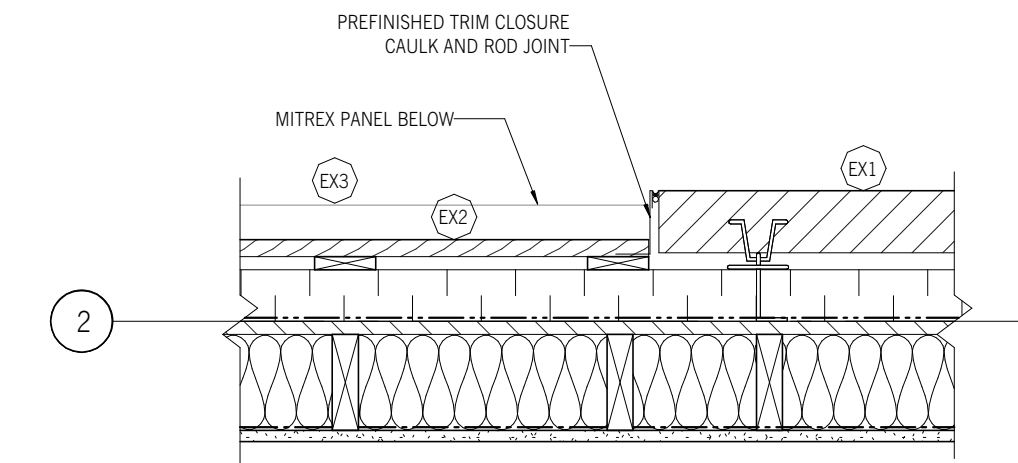
1 WALL JUNCTION
 A2.1/A8.1 1:10



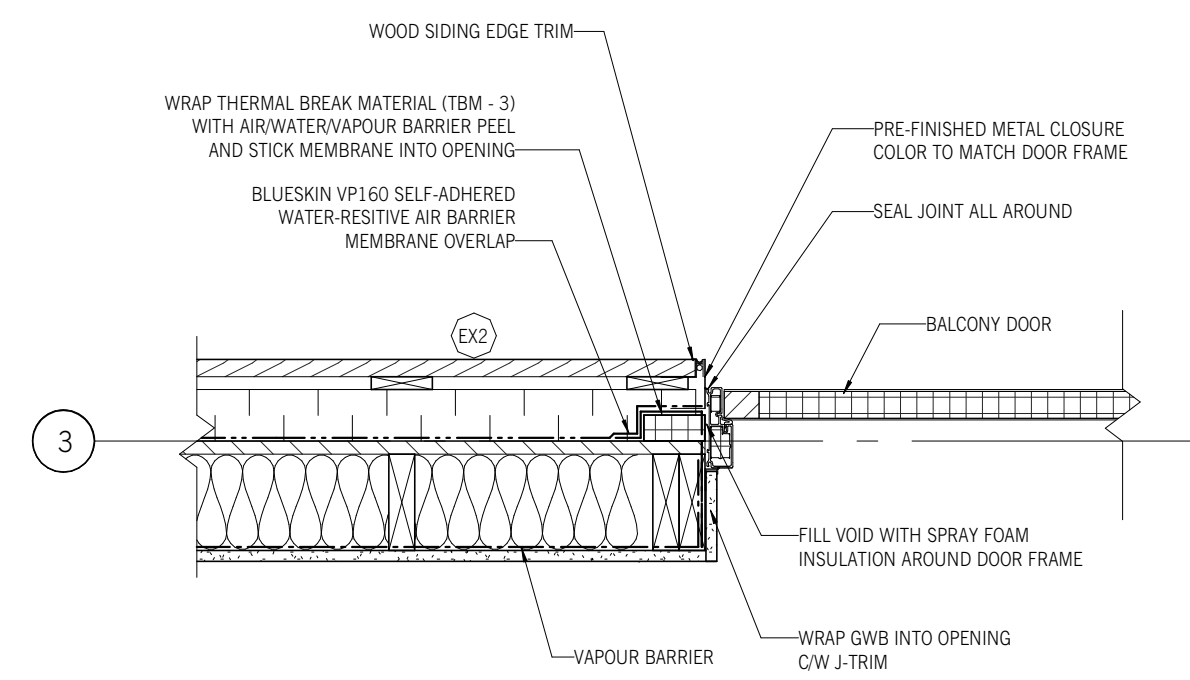
2 FIXED WINDOW JAMB DETAIL - TYNDALL
 A2.1/A8.1 1:10



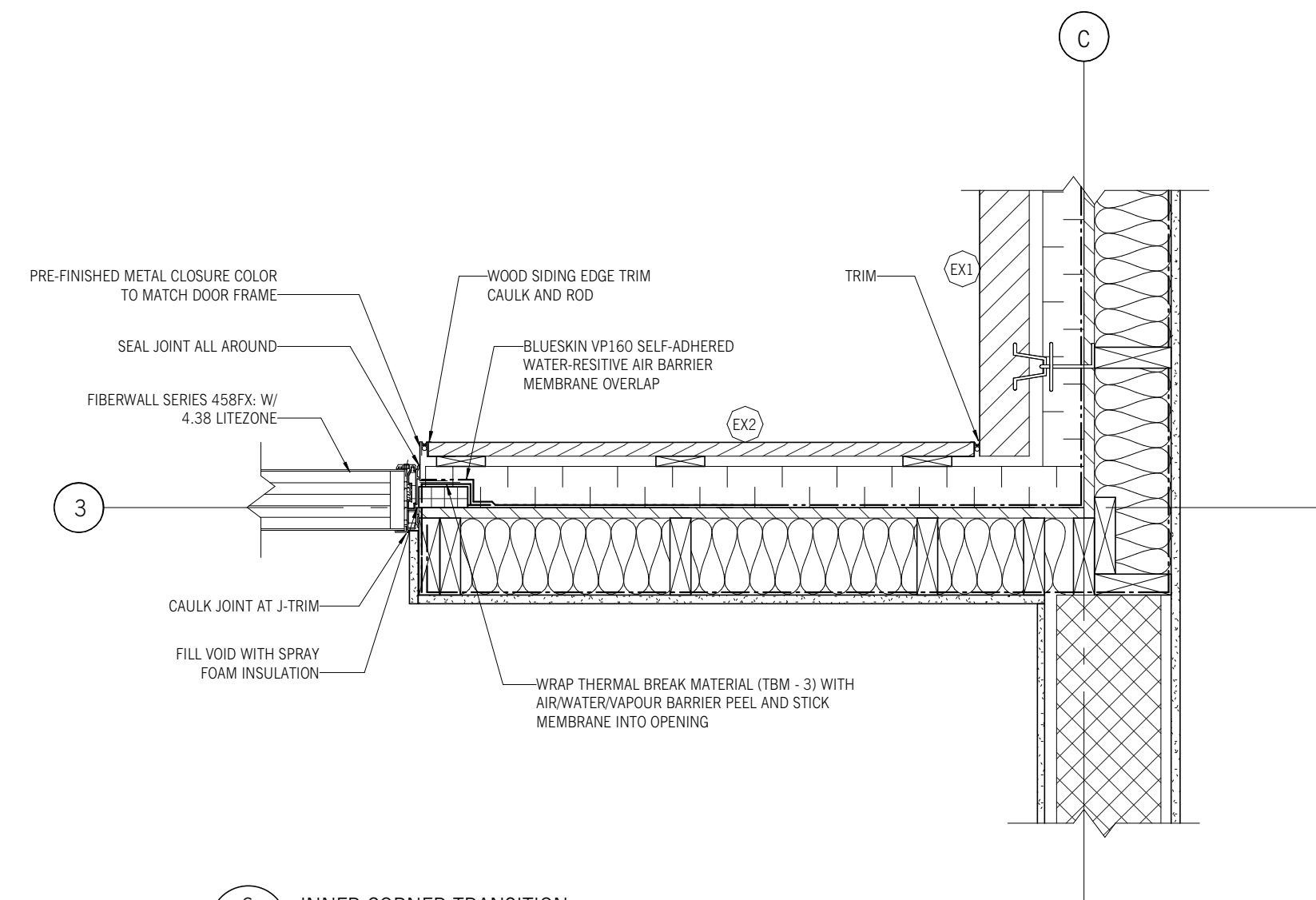
3 CORNER PLAN DETAIL
 A2.1/A8.1 1:10



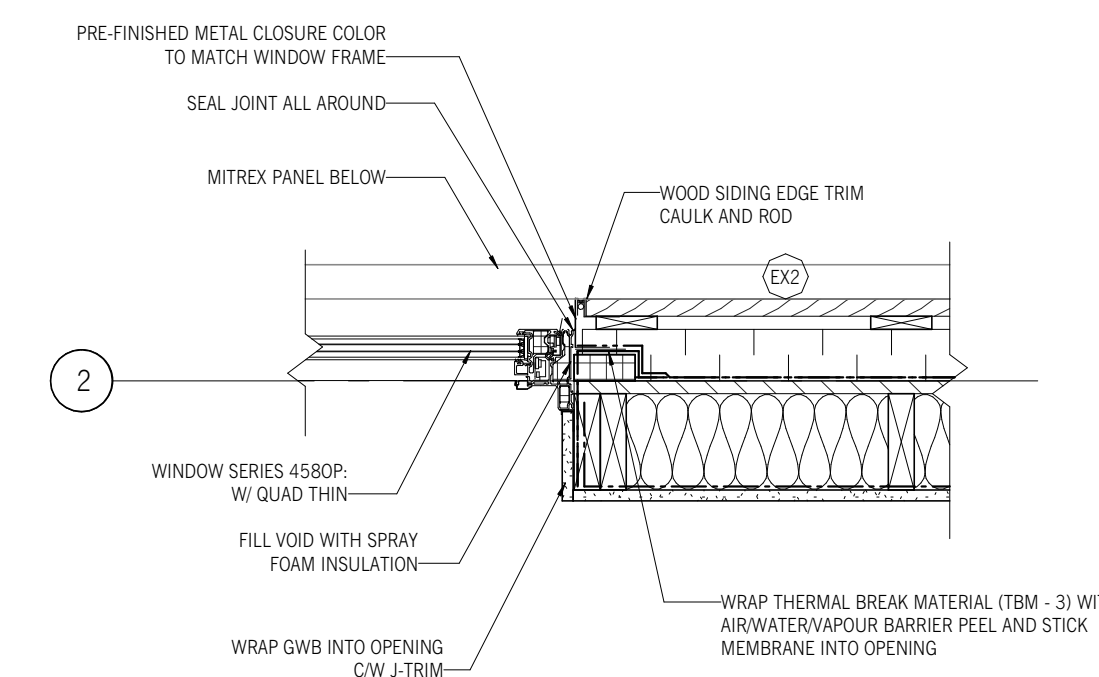
4 WOOD - TYNDALL TRANSITION
 A2.1/A8.1 1:10



5 BALCONY DOOR JAMB DETAIL
 A2.1/A8.1 1:10



6 INNER CORNER TRANSITION
 A2.1/A8.1 1:10



7 OPERABLE WINDOW JAMB DETAIL
 A2.1/A8.1 1:10

ft3
 Architecture
 Landscape
 Interior Design

Suite 200, 300 Waterfront Drive
 Winnipeg, MB Canada R3B 0G5
 t. 204.885.9323

PROJECT NO.	26955
DATE (Y/M/D)	26/03/02
DESIGNED BY	AD / BDR / ZS
DRAWN BY	MT
CHECKED BY	Checker

CLIENT
 SUSTAINABLE BUILDING
 MANITOBA

PROJECT TITLE
 RESIDENTIAL BUILDING

CONTENTS
 PLAN DETAILS

DRAWING
A8.1