

### BARRY BRYAN ASSOCIATES

Architects Engineers Project Managers

## **Transmittal**

Го:	RH Gay Holdings Company	Project No.:	21046
Address:	55 King Street East	Date:	October 24, 2024

Bowmanville, Ontario L1C 1N4

Attention: Lawson Gay

CC:

Project Name: Courtice Mixed Use Seniors Development at 1697 Highway # 2 in Courtice, ON

For your:		Approval Distribution	Via:	Mail Courier
		Information and use		By hand
		Review and comment		To be picked up
Action taken:		Reviewed		Fax
		Reviewed as noted		E-mail
		Revise and resubmit		
		Not reviewed		
Qty.: Drawin	ng Iss	sue Revision Description	on:	

No.: No.: No.:

1 Copy - - Addendum No. 4 dated October 23, 2024



250 Water Street, Suite 201 Whitby, Ontario Canada L1N 0G5

Tele: 905-666-5252 Fax: 905-666-5256 Email: bba@bba-archeng.com www.bba-archeng.com Jennifer Hewlett, RH Gay Holdings Company Jenna Shaw, RH Gay Holdings Company Henry Gay, RH Gay Holdings Company Robin George, Barry Bryan Associates Nick Swerdfeger, Barry Bryan Associates Matthew Ficara, Barry Bryan Associates Nicole Andal, Barry Bryan Associates Doug McLaughlin, Barry Bryan Associates

Shivanie Motielal

## Addendum No. 4

Page 1 of 2



BARRY BRYAN ASSOCIATES

Architects Engineers Project Managers Project No.: 21046

Date: October 23, 2024

Project: Courtice Mixed Use Seniors Development at 1697 Highway # 2

**RH GAY HOLDINGS COMPANY** 

The following information supplements and/or supersedes the bid documents issued on September 10 2024

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject bidder to disqualification.

#### **DRAWINGS**

- 4.1 BBA DRAWINGS No.S201, S202, S203, S504, A501, and A502
  - .1 Reissue of Barry Bryan Associates' Drawings No.S201, S202, S203, S504, A501, and A502 dated October 16, 2024.
- 4 .2 BBA Sketch SK01- ROOF ASSEMBLIES
  - .1 Refer to BBA Sketch SK01dated October 23, 2024.

#### **QUESTION AND ANSWER**

4.3 Question: Our lumber supplier prices No. 2 SPF as opposed to No. 1, switching

to No. 1 will cause price increases he has told me. Are we able to use

No. 2?

Answer: No. 1 (Structural) is required are all bearing walls including bearing shear

walls. MSR rated equivalent to structural is approved alternative.

4.4 Question: The specs show that we need "good one side", does it need to be good

one side or can we use standard spruce plywood?

Answer: "Good one side" is not required here.

4.5 Question: Are we able to use the premier plus, at 3.9 per sqft?

Answer: The premier plus is acceptable, however, the coursing will need to be

adjusted given the 79mm height vs. a metric of 57mm (IE less material, but needs to ensure door and window coursing at ground floor will work). The product is acceptable with the allowance of a blend as per specifications. Please provide details on updated brick ties and flashing appropriate for

premier plus product.

4.6 Question: Are you looking a continuous insulation layer of R25 minimum or

150mm insulation thickness for base layer? Minimum R25 will be two (2) layers of 2.2" PolyISO or one layer of 4.4" PolyISO Or 150mm insulation will be equal to R35 that two (2) layers of 3" PolyISO

Answer: R35 continuous insulation (base layer) is required. Refer to BBA Sketch

SK01dated October 23, 2024.



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www.bba-archeng.com

	Answer:	2% full tapered insu	lation.		
4 .8	Question:	Does this still need a 13mm cover board / production board over the tapered insulation at roof type R1 and R2?			
	Answer:	Required on both R	1 and R2.		
4 .9	Question:	Does this need a 1	Does this need a 13mm underlayment board at roof type R1 and R2?-		
	Answer:	Pending manufacturer approved system, underlayment board is likely not required on a plywood roof deck, assuming all seams will be taped and smooth- provide shop drawings for approved system. The underlayment board is required on R3, where a steel deck is provided. R3 also requires a self adhered Air vapour barrier on top of the underlayment board and 100-200mm tapered insulation.			
End of	Addendum No	. 4			
Barry Bryan Associates Architects, Engineers, Project Managers					
1/12.					
Matthe	w Ficara, P. Eng	J.			
MF/sm	MF/sm				
Attachr		BA Drawing No. S201, S202, S203, S504, A501, and A502 (6 Pages) BA Sketch SK01 (1 Page)			
I/We hereby acknowledge receipt of this Addendum.					
		-	Signature (signing officer of firm)		
		•	Position		
			Name of Firm		
One copy of the addendum must be signed and returned with the completed tender, or the tender submitted shall be rejected.					

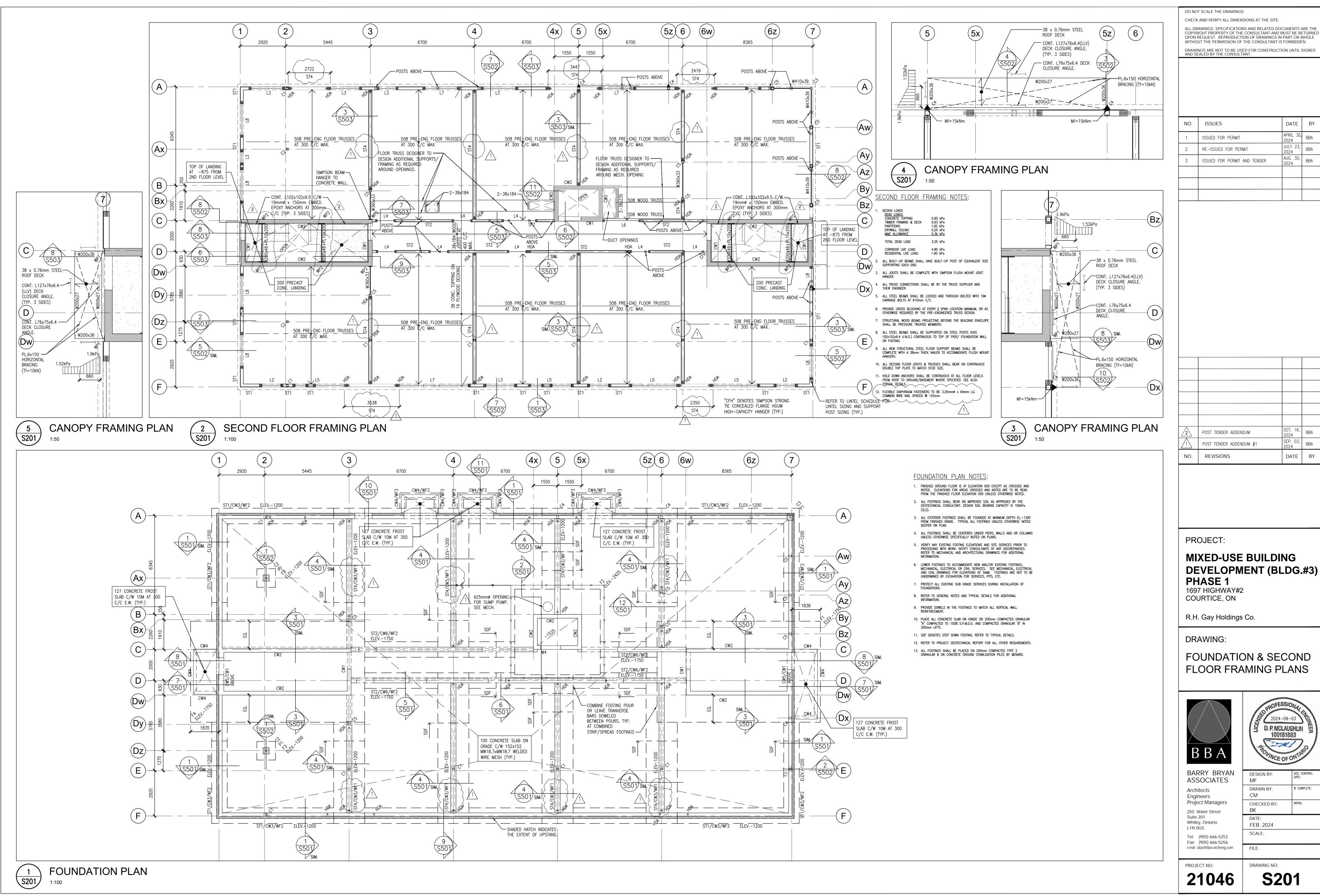
Are you looking 1% or 2% full tapered insulation over the base layer of

4 .7

Question:

PolyISO?





CHECK AND VERIFY ALL DIMENSIONS AT THE SITE. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE

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DATE BBA ISSUED FOR PERMIT AND TENDER

DATE

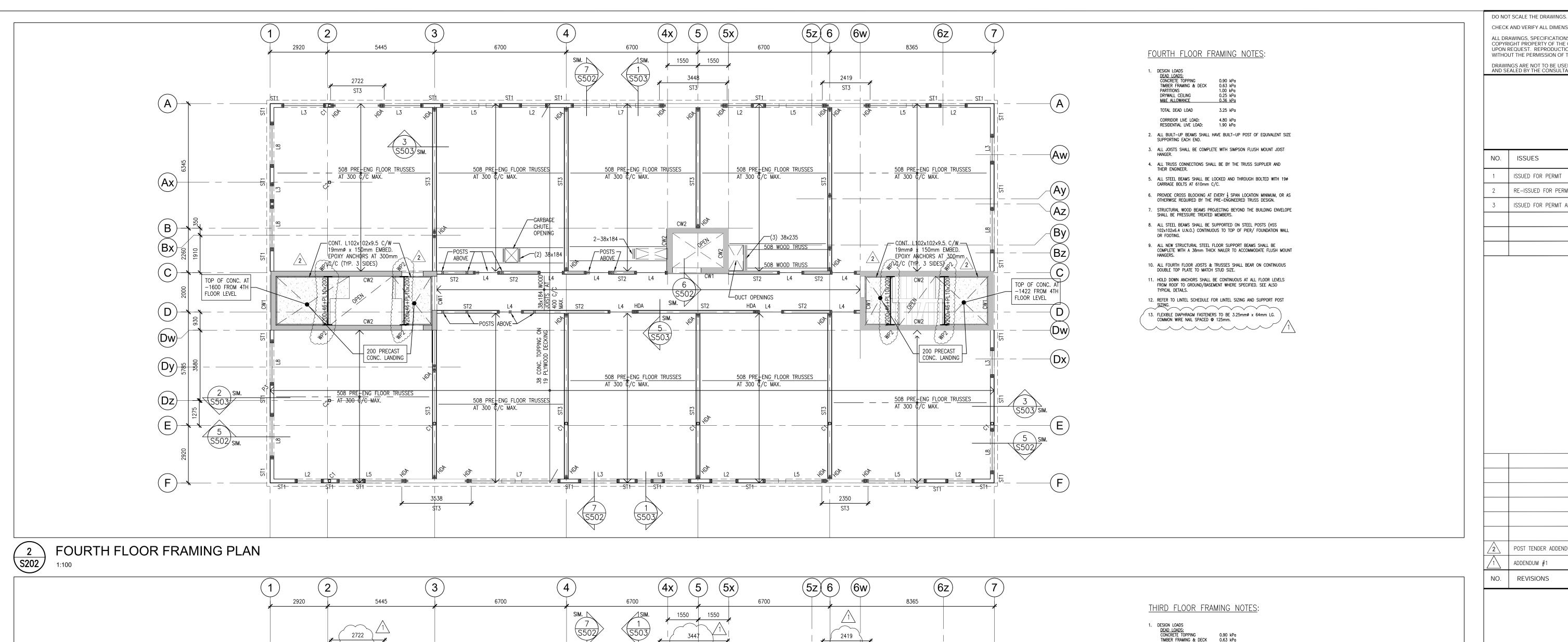
# **DEVELOPMENT (BLDG.#3)**

**FOUNDATION & SECOND** FLOOR FRAMING PLANS



% COMPLETE: DRAWN BY: CHECKED BY: FEB. 2024

DRAWING NO: **S201** 



508 PRE-ENG FLOOR TRUSSES
AT 300 C/C MAX.

HDA

508 PRE ENG FLOOR TRUSSES
AT 300 C/C MAX.

\$503

\$502

2-38x184-

CW2

508 WOOD TRUSS

508 PRE ENG FLOOR TRUSSES
AT 300 C/C MAX.

2356

LDUCT OPENINGS

508 WOOD TRUSS

19mmø x 150mm EMBED. EPOXY ANCHORS AT 300mm

200 PRECAST

CONC. LANDING

TOP OF CONC. AT -1422 FROM 3RD FLOOR LEVEL

(Dx)

ROC/C (TYP. 3 SIDE8)

1. DESIGN LOADS

DEAD LOADS:
CONCRETE TOPPING
TIMBER FRAMING & DECK
PARTITIONS
DOWNLY CONTROL

PROPERTY OF THE PROPERTY OF T DRYWALL CEILING
M&E ALLOWANCE TOTAL DEAD LOAD

CORRIDOR LIVE LOAD: RESIDENTIAL LIVE LOAD: 2. ALL BUILT-UP BEAMS SHALL HAVE BUILT-UP POST OF EQUIVALENT SIZE SUPPORTING EACH END.

3. ALL JOISTS SHALL BE COMPLETE WITH SIMPSON FLUSH MOUNT JOIST HANGER

4. ALL TRUSS CONNECTIONS SHALL BE BY THE TRUSS SUPPLIER AND THEIR ENGINEER.

ALL STEEL BEAMS SHALL BE LOCKED AND THROUGH BOLTED WITH 196 CARRIAGE BOLTS AT 610mm C/C.

6. PROVIDE CROSS BLOCKING AT EVERY  $\frac{1}{3}$  SPAN LOCATION MINIMUM, OR AS OTHERWISE REQUIRED BY THE PRE-ENGINEERED TRUSS DESIGN. 7. STRUCTURAL WOOD BEAMS PROJECTING BEYOND THE BUILDING ENVELOPE SHALL BE PRESSURE TREATED MEMBERS.

8. ALL STEEL BEAMS SHALL BE SUPPORTED ON STEEL POSTS (HSS

ALL NEW STRUCTURAL STEEL FLOOR SUPPORT BEAMS SHALL BE COMPLETE WITH A 38mm THICK NAILER TO ACCOMMODATE FLUSH MOUNT HANGERS.

10. ALL THIRD FLOOR JOISTS & TRUSSES SHALL BEAR ON CONTINUOUS DOUBLE TOP PLATE TO MATCH STUD SIZE.

11. HOLD DOWN ANCHORS SHALL BE CONTINUOUS AT ALL FLOOR LEVELS FROM ROOF TO GROUND/BASEMENT WHERE SPECIFIED. SEE ALSO TYPICAL DETAILS.

12. REFER TO LINTEL SCHEDULE FOR LINTEL SIZING AND SUPPORT POST 13. FLEXIBLE DIAPHRAGM FASTENERS TO BE 3.25mmø x 64mm LG. COMMON WIRE NAIL SPACED @ 125mm. 

CHECK AND VERIFY ALL DIMENSIONS AT THE SITE. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE CONSULTANT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS IN PART OR WHOLE

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NO.	ISSUES	DATE	ВҮ
1	ISSUED FOR PERMIT	APRIL 30, 2024	BBA
2	RE-ISSUED FOR PERMIT	JULY 23, 2024	BBA
3	ISSUED FOR PERMIT AND TENDER	AUG. 30, 2024	BBA

2	POST TENDER ADDENDUM	OCT. 16, 2024	BBA
1	ADDENDUM #1	SEP. 03, 2024	BBA
NO.	REVISIONS	DATE	ВҮ

PROJECT:

MIXED-USE BUILDING **DEVELOPMENT (BLDG.#3)** PHASE 1

1697 HIGHWAY#2 COURTICE, ON

R.H. Gay Holdings Co.

DRAWING:

THIRD & FOURTH FLOOR FRAMING PLANS



2024-09-03 D. P. MCLAUGHLIN 100181883

% COMPLETE:

BARRY BRYAN ASSOCIATES **Architects** Engineers Project Managers 250 Water Street Suite 201 Whitby, Ontario

L1N 0G5

DRAWN BY: CHECKED BY: FEB. 2024 Tel: (905) 666-5252 Fax: (905) 666-5256

FILE:

PROJECT NO:

e-mail: bba@bba-archeng.com

DRAWING NO: **S202** 

THIRD FLOOR FRAMING PLAN S202 1:100

(A)

(Ax)

Bx

(c)

(D)

(Dw)

Dy S

(Dz)-

(E)-

(F)

TOP OF CONC. AT -1422 FROM 3RD

FLOOR LEVEL

S503

508 PRE ENG FLOOR TRUSSES (AT 300 C/C MAX.

508 PRE-ENG FLOOR TRUSSES AT 300 C/C MAX.

3538

— CONT. L102×102×9.5 С/W —,

C/Q (TYP. 3 SIDES)

200 PRECAST

CONC. LANDING

19mmø x 150mm EMBED. EPOXY ANCHORS AT 300mm

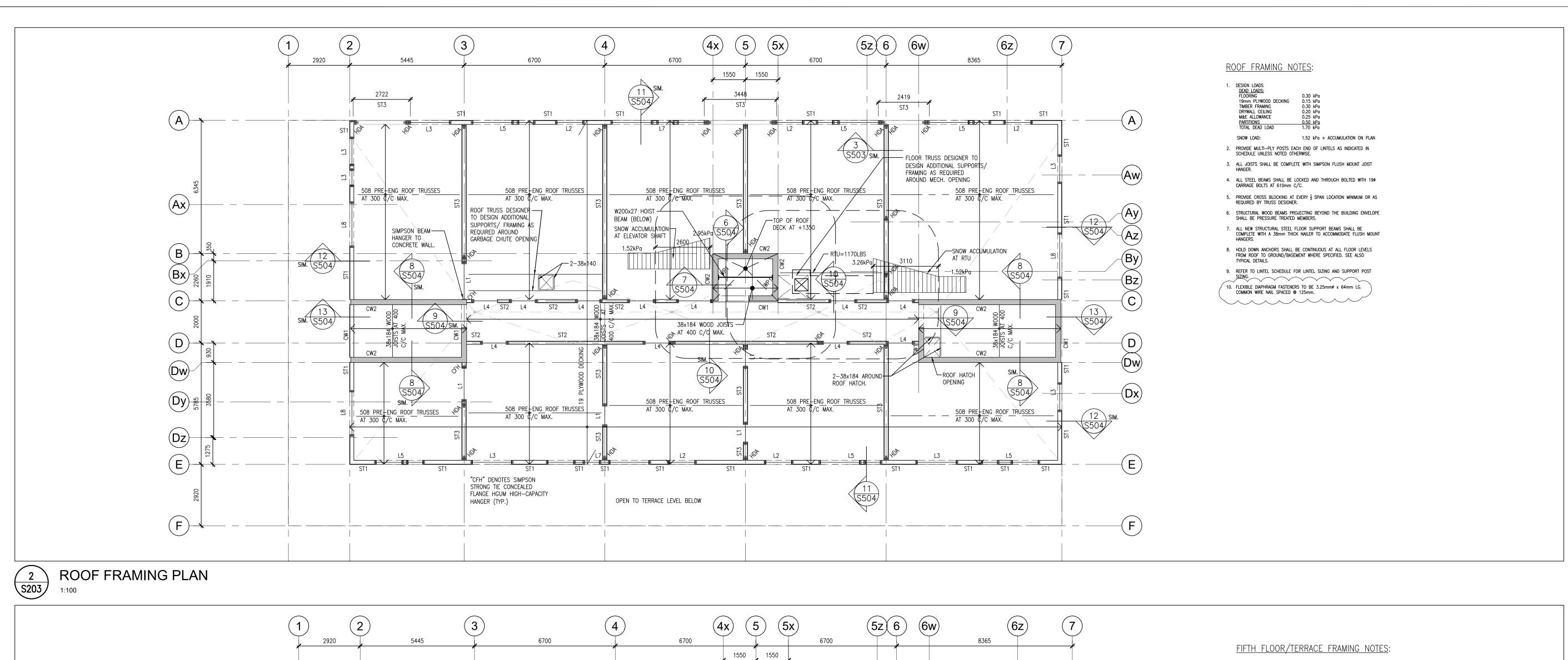
-POST ABOVE

CHUTE OPENING

CONC.

508 PRE-ENG FLOOR TRUSSES AT 300 C/C MAX.

21046



TOTAL DEAD LOAD CORRIDOR LIVE LOAD: RESIDENTIAL LIVE LOAD: TERRACE LIVE LOAD:

2. ALL BUILT-UP BEAMS SHALL HAVE BUILT-UP POST OF EQUIVALENT SIZE SUPPORTING EACH END.

3. ALL JOISTS SHALL BE COMPLETE WITH SIMPSON FLUSH MOUNT JOIST

4. ALL TRUSS CONNECTIONS SHALL BE BY THE TRUSS SUPPLIER AND THEIR ENGINEER.

ALL STEEL BEAMS SHALL BE LOCKED AND THROUGH BOLTED WITH 196 CARRIAGE BOLTS AT 610mm C/C.

6. PROVIDE CROSS BLOCKING AT EVERY \$\frac{1}{3}\ SPAN LOCATION MINIMUM, OR AS OTHERWISE REQUIRED BY THE PRE—ENGINEERED TRUSS DESIGN.

7. STRUCTURAL WOOD BEAMS PROJECTING BEYOND THE BUILDING ENVELOPE SHALL BE PRESSURE TREATED MEMBERS.

8. ALL STEEL BEAMS SHALL BE SUPPORTED ON STEEL POSTS (HSS 102x102x6.4 U.N.O.) CONTINUOUS TO TOP OF PIER/ FOUNDATION WALL OR FOOTING.

10. ALL FIFTH FLOOR & TERRACE JOISTS & TRUSSES SHALL BEAR ON CONTINUOUS DOUBLE TOP PLATE TO MATCH STUD SIZE.

11. HOLD DOWN ANCHORS SHALL BE CONTINUOUS AT ALL FLOOR LEVELS FROM ROOF TO GROUND/BASEMENT WHERE SPECIFIED. SEE ALSO

12. REFER TO LINTEL SCHEDULE FOR LINTEL SIZING AND SUPPORT POST

14. FLEXIBLE DIAPHRAGM FASTENERS TO BE 3.25mmø x 64mm LG. COMMON WIRE NAIL SPACED @ 125mm. 

DESIGN LOADS
DEAD LOADS:
CONCRETE TOPPING
TIMBER FRAMING & DECK
PARTITIONS
DRYWALL CEILING
M&E ALLOWANCE 0.90 kPa 0.63 kPa 1.00 kPa 0.25 kPa 0.36 kPa 3.25 kPa

ALL NEW STRUCTURAL STEEL FLOOR SUPPORT BEAMS SHALL BE COMPLETE WITH A 38mm THICK NAILER TO ACCOMMODATE FLUSH MOUNT HANGERS.

13. NOTE: LIVE LOAD ON TERRACE ROOF SUPERCEDES SNOW DRIFTING.



FRAMING PLANS

POST TENDER ADDENDUM

ADDENDUM #1

NO. REVISIONS

PROJECT:

PHASE 1

DRAWING:

1697 HIGHWAY#2

R.H. Gay Holdings Co.

COURTICE, ON

**MIXED-USE BUILDING** 

FIFTH FLOOR & ROOF

**DEVELOPMENT (BLDG.#3)** 

DO NOT SCALE THE DRAWINGS.

NO. ISSUES

ISSUED FOR PERMIT

RE-ISSUED FOR PERMIT

ISSUED FOR PERMIT AND TENDER

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DATE

DATE

BARRY BRYAN ASSOCIATES **Architects** Engineers Project Managers 250 Water Street

% COMPLETE: DRAWN BY: CHECKED BY: BK FEB. 2024

FILE:

DESIGN BY:

2024-09-03

100181883

Suite 201 Whitby, Ontario L1N 0G5 Tel: (905) 666-5252 Fax: (905) 666-5256 e-mail: bba@bba-archeng.com

PROJECT NO: DRAWING NO: **S203** 

21046

FIFTH FLOOR/ TERRACE FRAMING PLAN S203 1:100

(A)

(Ax)

(B)

Bx

(D)

(Dz)

(E)

14 \$504 SIM.

TOP OF CONC AT

-1600 FROM 5TI

FLOOR LEVEL

508 PRE-ENG 'S

FLOOR TRUBSES +

AT 300 C/C

2722

ST3

- CONT. L102x102x9.5 C/W — 19mmø x 150mm EMBED. EPOXY ANCHORS AT 300mm

ر/ (TYP. 3 SIDES) کے

200 PRECAST CONC. LANDING

W410x54 + 2-38x184 CONT.

abové /

\$T1

(S504)

508\_PRE\_ENG\_FLOOR\_TRUSS AT 300 C/C MAX.

2-38x184-

POSTS-

ABOVE

L4 HDA

508 PRE ENG FLOOR TRUSSES
AT 300 C/C MAX.

W410x54 + 2-38x184 CONT.

FLOOR TRUSS DESIGNER TO \_\_\_\_\_

ST2

508 PRE ENG FLOOR TRUSSE AT 300 C/C MAX.

W410x54 + 2-38x184 CONT.

DESIGN ADDITIONAL SUPPORTS/

FRAMING AS REQUIRED

OPENING

AROUND GARBAGE CHUTE

ST1 ST1 ST1 3538 2350 —HATCHED AREA DENOTES \$504 EXTENT OF TERRACE ABOVE

<u>W410x54 + 2-38x184 CONT.</u>

2419

L5

508 PRE ENG FLOOR TRUSSES
AT 300 C/C MAX.

508 WOOD TRUSS

─(3) 38x235

508 WOOD TRUSS

ST2

DUCT OPENING

HDA L4

508 PRE ENG FLOOR TRUSSES
AT 300 C/C MAX.

ABOVÉ

ABOVE

W410x54 + 2-38x184 CONT.

ST2

DESIGN ADDITIONAL SUPPORTS/

FRAMING AS REQUIRED AROUND MECH. OPENING

ST3

ST1

-(Aw)

-(Bz)

-(Dx)

TOP OF CONC. AT

-1422 FROM 5TH FLOOR LEVEL

508 PRE ENG FLOOR TRUSSES AT 300 C/C MAX.

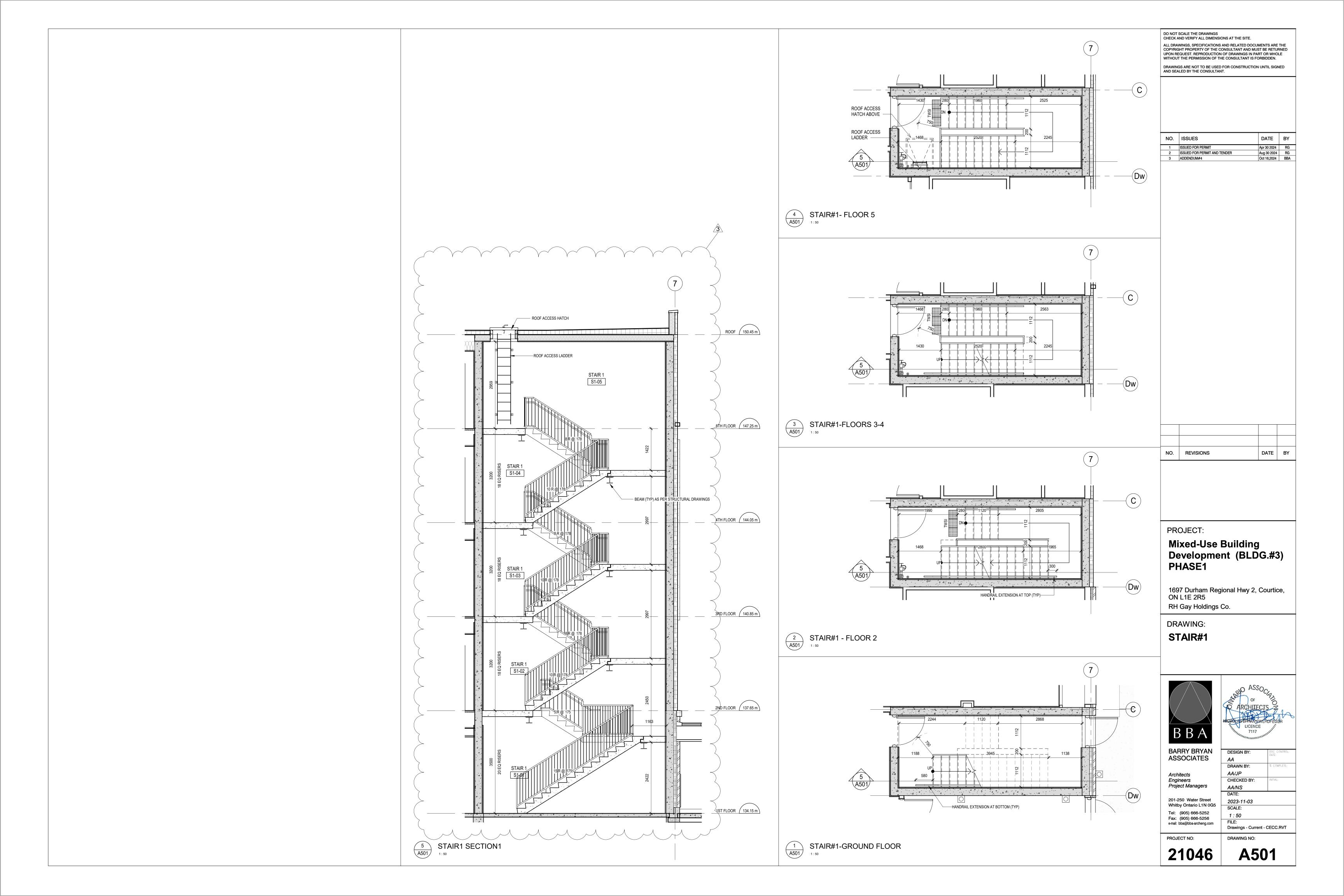
CONT. L102x102x9.5 C/W 19mmø x 150mm EMBED.
EPOXY ANCHORS AT 300mm

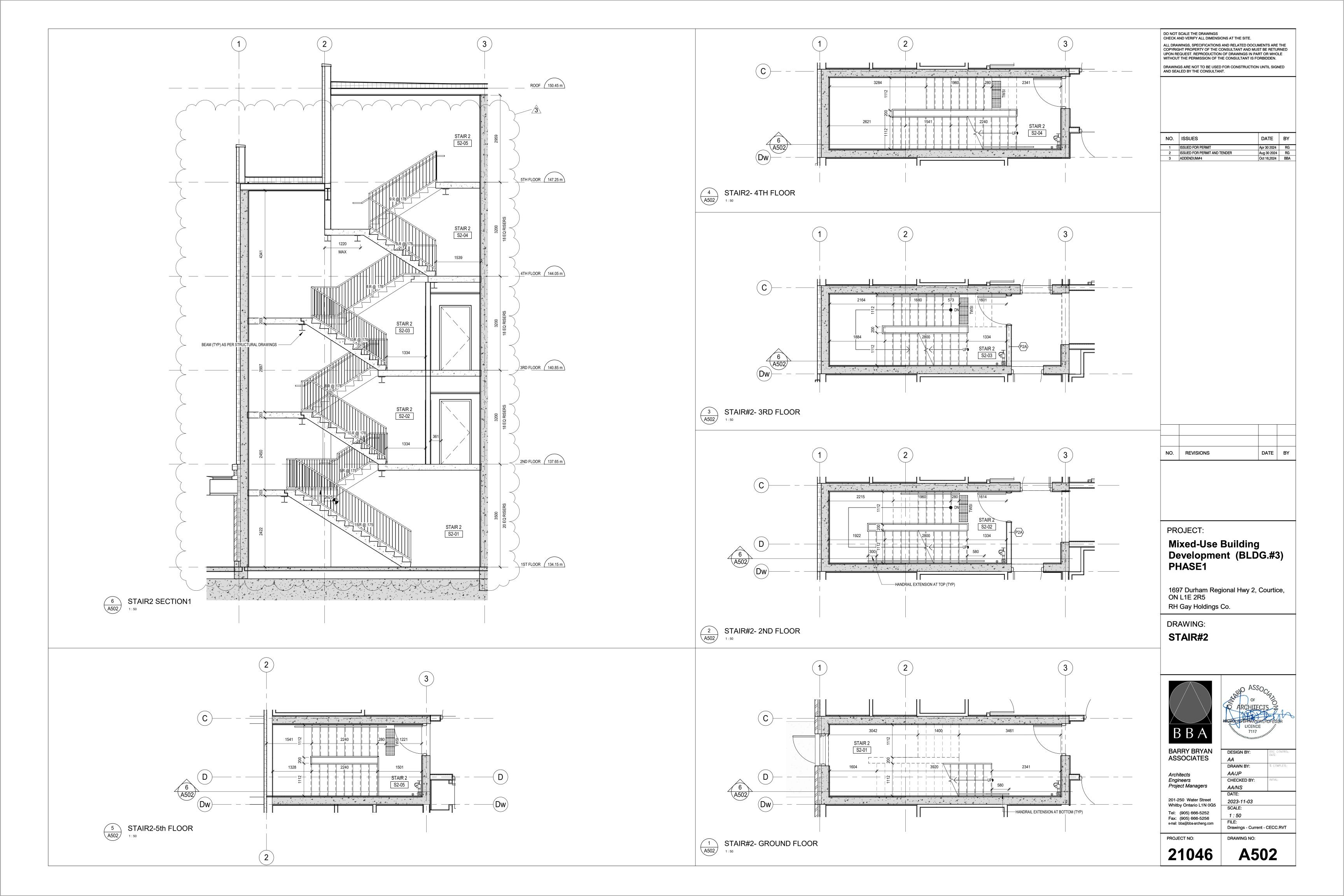
200 PRECAST

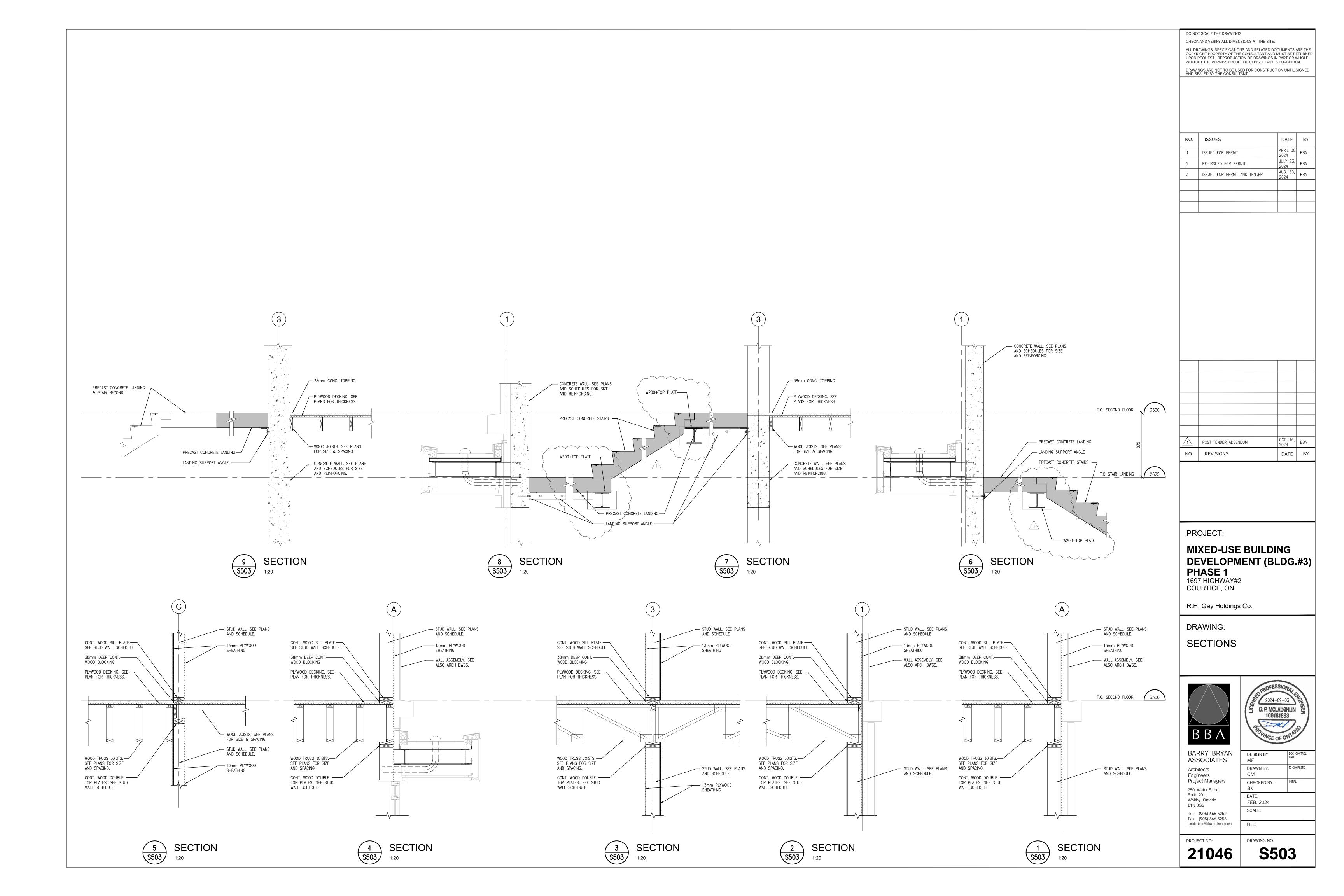
508 PRE ENG FLOOR TRUSSES AT 300 C/C MAX.

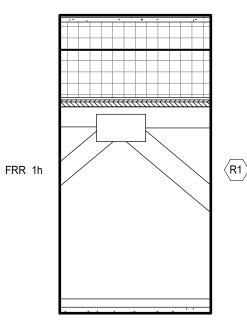
CONC. LANDING

RC/C (TYP. 3 SIDES) (R)







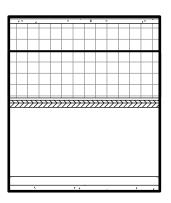


ROOF TYPE 1 (1HR FRR) Thermoplastic Polyolefin (TPO) ROOFING 13mm Protection Board 150mm (R35) base layer Poly-iso Insulation Top Layer Tapered Insulation at 2% Slope Self Adhered Air Vapour Barrier 19mm Plywood Sheathing Wood truss 22mm Resilient Metal Channel 400mm O.C.

MiTek Canada Inc. Design No. MCI/WI 60-02 ASTM-E119, CAN/ULC-S101, NFPA-251, UBC-7-1, UL 263

Rating: 1 Hour - Unrestrained

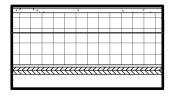
16mm Type C Gypsum Board



ROOF TYPE 2 (1HR FRR) Thermoplastic Polyolefin (TPO) ROOFING 13mm Protection Board 150mm (R35) base layer Poly-iso Insulation ☐ Top Layer Tapered Insulation at 2% Slope Self Adhered Air Vapour Barrier 19mm Plywood Sheathing  $\langle \mathsf{R2} 
angle$ Wood framing

22mm Resilient Metal Channel 400mm O.C. 16mm Type C Gypsum Board MiTek Canada Inc. Design No. MCI/WI 60-02

ASTM-E119, CAN/ULC-S101, NFPA-251, UBC-7-1, UL 263 Rating: 1 Hour - Unrestrained



ROOF TYPE-3 ENTRANCE CANOPY ROOF Thermoplastic Polyolefin (TPO) ROOFING on 100mm (R25) base layer Poly-iso insulation Top Layer Tapered Insulation at 2% Slope self adhered Air vapour barrier 13mm Underlayment board 38mm Steel Roof Deck

PROJECT:

Mixed-Use Building Development (BLDG.#3) PHASE1

1697 Durham Regional Hwy 2, Courtice, ON L1E 2R5

DRAWING:

**ROOF ASSEMBLIES** 

DO NOT SCALE THE DRAWINGS CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.

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## BARRY BRYAN ASSOCIATES

Engineers Project Managers

201-250 Water Street Whitby Ontario L1N 0G5

PROJECT NO:

21046

DESIGN BY: DRAWN BY Author CHECKED BY DATE: 10/23/24 SCALE

DRAWING NO:

**SK01**