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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:

**ELEVATIONS**

**BLOCK-A**

UNIT 1 TO 15

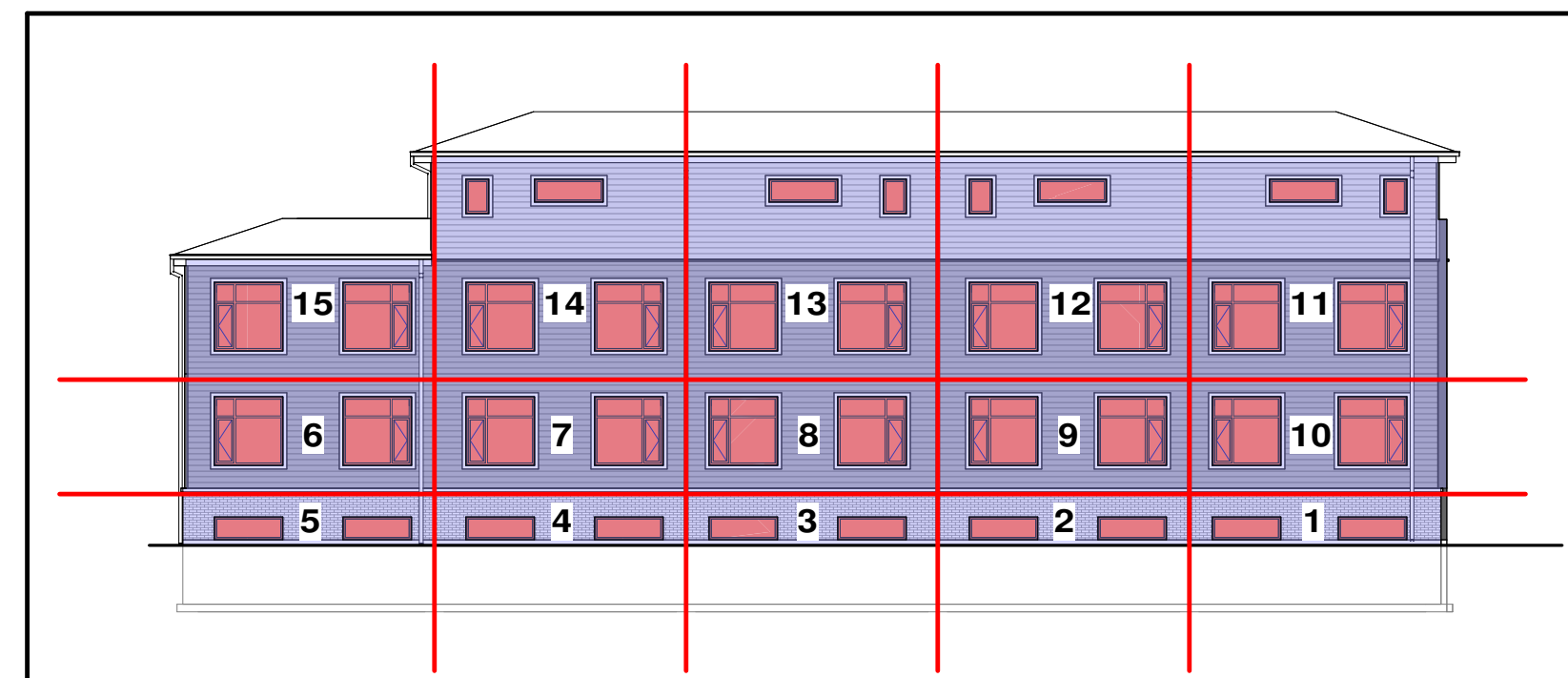
DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:  
**A-3.0**



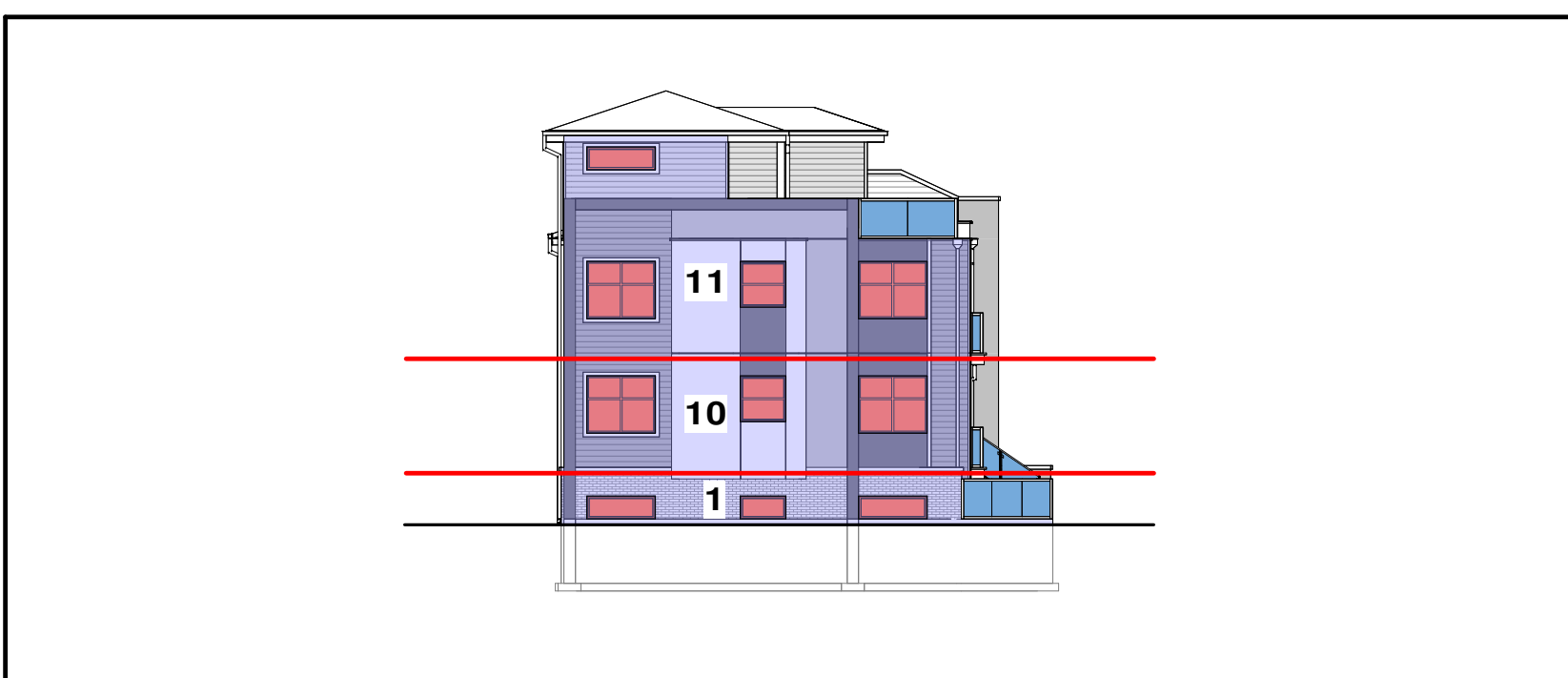
**WEST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
1	09.20 SQMT	13.50 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
2	09.20 SQMT	13.50 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
3	09.20 SQMT	13.50 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
4	09.20 SQMT	13.50 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
5	09.20 SQMT	13.50 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
6	20.22 SQMT	13.50 MT	20.22 SQMT (100%)	9.41 SQMT (45.20%)
7	20.44 SQMT	13.50 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
8	20.44 SQMT	13.50 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
9	20.44 SQMT	13.50 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
10	20.22 SQMT	13.50 MT	20.22 SQMT (100%)	7.66 SQMT (37.88%)
11	39.40 SQMT	13.50 MT	39.40 SQMT (100%)	13.66 SQMT (34.67%)
12	39.86 SQMT	13.50 MT	39.86 SQMT (100%)	13.66 SQMT (34.27%)
13	39.86 SQMT	13.50 MT	39.86 SQMT (100%)	13.66 SQMT (34.27%)
14	39.86 SQMT	13.50 MT	39.86 SQMT (100%)	13.66 SQMT (34.27%)
15	21.43 SQMT	13.50 MT	21.43 SQMT (100%)	6.13 SQMT (28.60%)



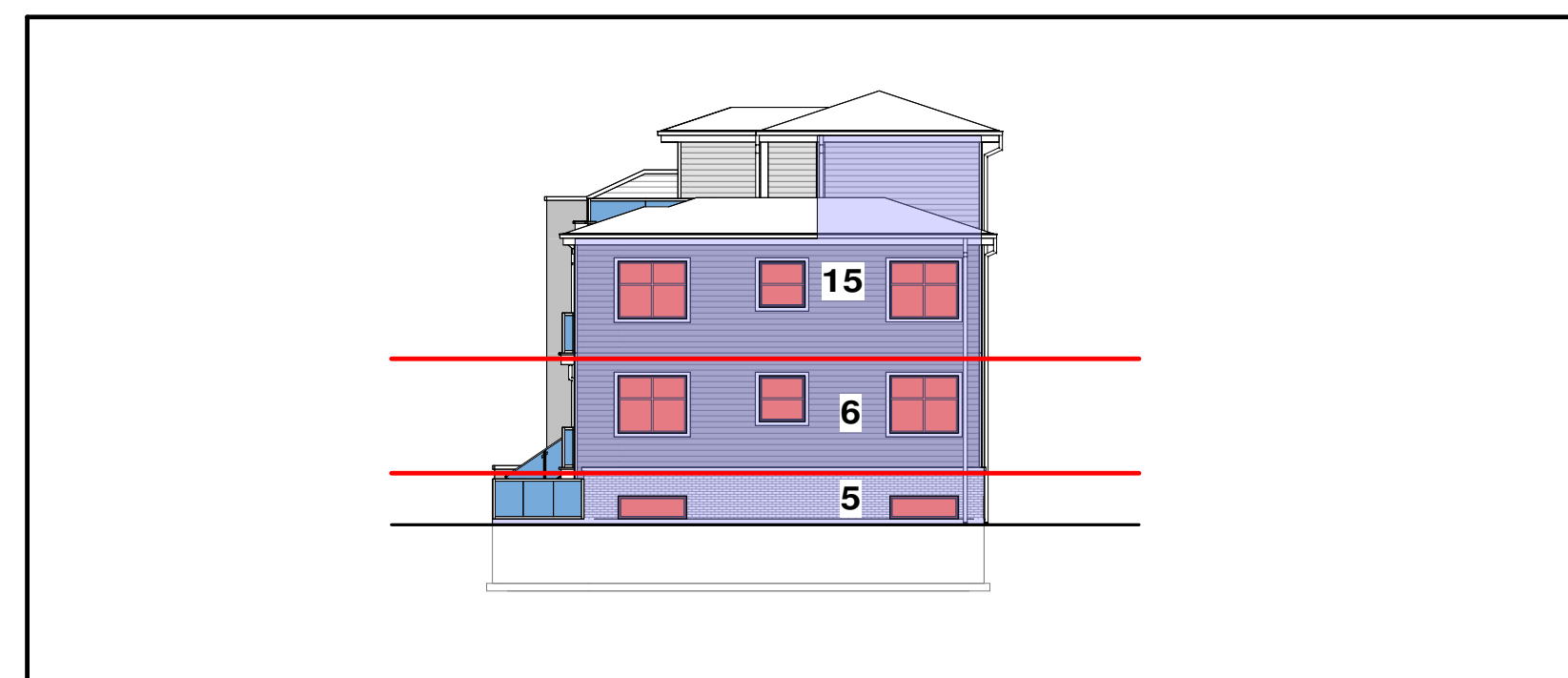
**EAST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
1	09.20 SQMT	4.04 MT	08.83 SQMT (96.00%)	2.23 SQMT (24.24%)
2	09.20 SQMT	4.04 MT	08.83 SQMT (96.00%)	2.23 SQMT (24.24%)
3	09.20 SQMT	4.04 MT	08.83 SQMT (96.00%)	2.23 SQMT (24.24%)
4	09.20 SQMT	4.04 MT	08.83 SQMT (96.00%)	2.23 SQMT (24.24%)
5	09.20 SQMT	4.04 MT	08.83 SQMT (96.00%)	2.23 SQMT (24.24%)
6	20.22 SQMT	4.04 MT	10.72 SQMT (53.00%)	6.69 SQMT (33.08%)
7	20.44 SQMT	4.04 MT	10.83 SQMT (53.00%)	6.69 SQMT (32.73%)
8	20.44 SQMT	4.04 MT	10.83 SQMT (53.00%)	6.69 SQMT (32.73%)
9	20.44 SQMT	4.04 MT	10.83 SQMT (53.00%)	6.69 SQMT (32.73%)
10	20.88 SQMT	4.04 MT	11.07 SQMT (53.00%)	6.69 SQMT (32.04%)
11	40.38 SQMT	4.04 MT	12.92 SQMT (32.00%)	8.36 SQMT (20.71%)
12	39.86 SQMT	4.04 MT	12.76 SQMT (32.00%)	8.36 SQMT (20.98%)
13	39.86 SQMT	4.04 MT	12.76 SQMT (32.00%)	8.36 SQMT (20.98%)
14	39.86 SQMT	4.04 MT	12.76 SQMT (32.00%)	8.36 SQMT (20.98%)
15	21.43 SQMT	4.04 MT	11.36 SQMT (53.00%)	6.69 SQMT (31.22%)



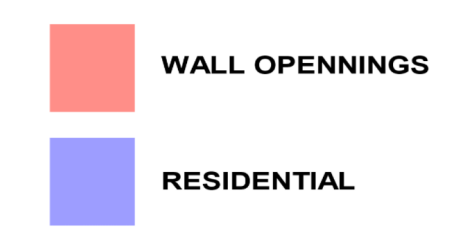
**NORTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
1	15.04 SQMT	6.10 MT	15.04 SQMT (100%)	2.97 SQMT (19.75%)
10	32.99 SQMT	6.10 MT	22.76 SQMT (69.00%)	7.06 SQMT (21.40%)
11	50.33 SQMT	6.10 MT	28.69 SQMT (57.00%)	8.18 SQMT (16.25%)



**SOUTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
5	15.04 SQMT	6.01 MT	15.04 SQMT (100%)	2.23 SQMT (14.83%)
6	32.99 SQMT	6.01 MT	22.76 SQMT (69.00%)	7.06 SQMT (21.40%)
15	46.61 SQMT	6.01 MT	26.57 SQMT (57.00%)	7.06 SQMT (15.15%)



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PROJECT:  
**STACKED TOWNHOMES  
DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

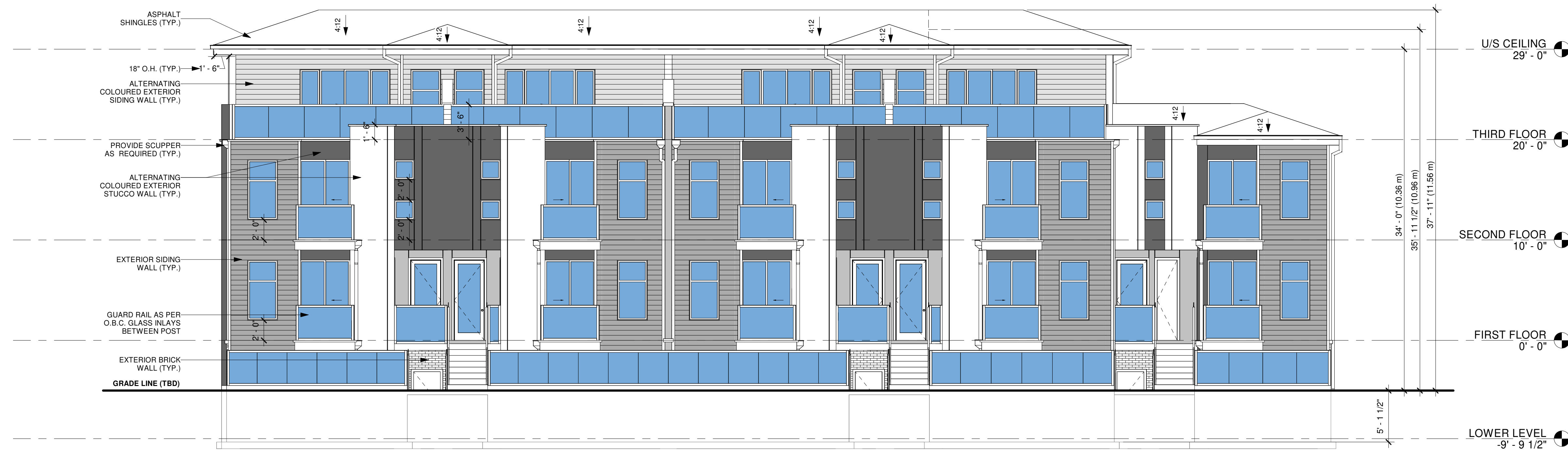
DRAWING TITLE:  
**ELEVATIONS  
BLOCK-A**  
UNIT 1 TO 15

DRAWN BY: DR DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

**A-3.1**

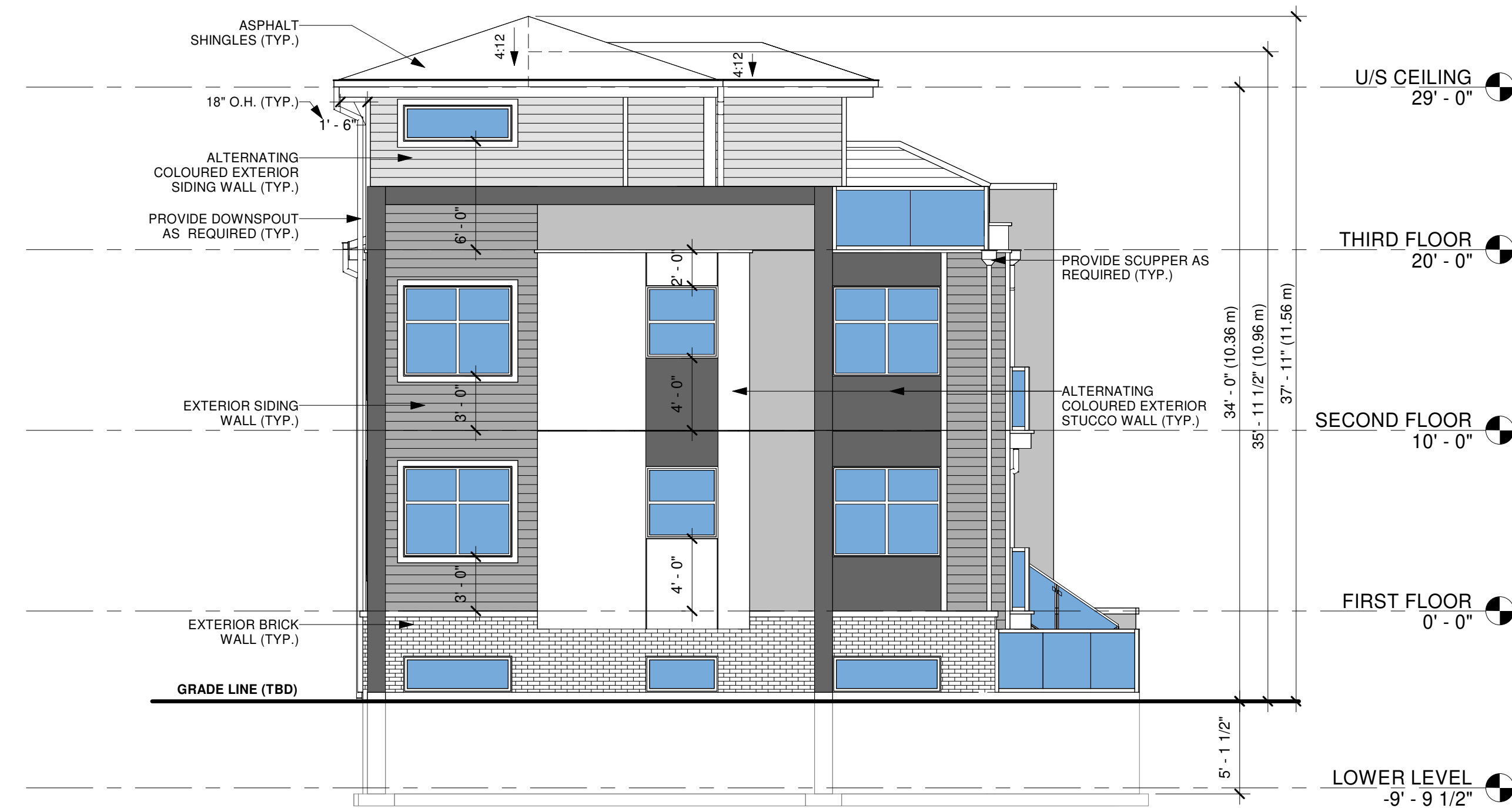


① WEST ELEVATION  
1:75

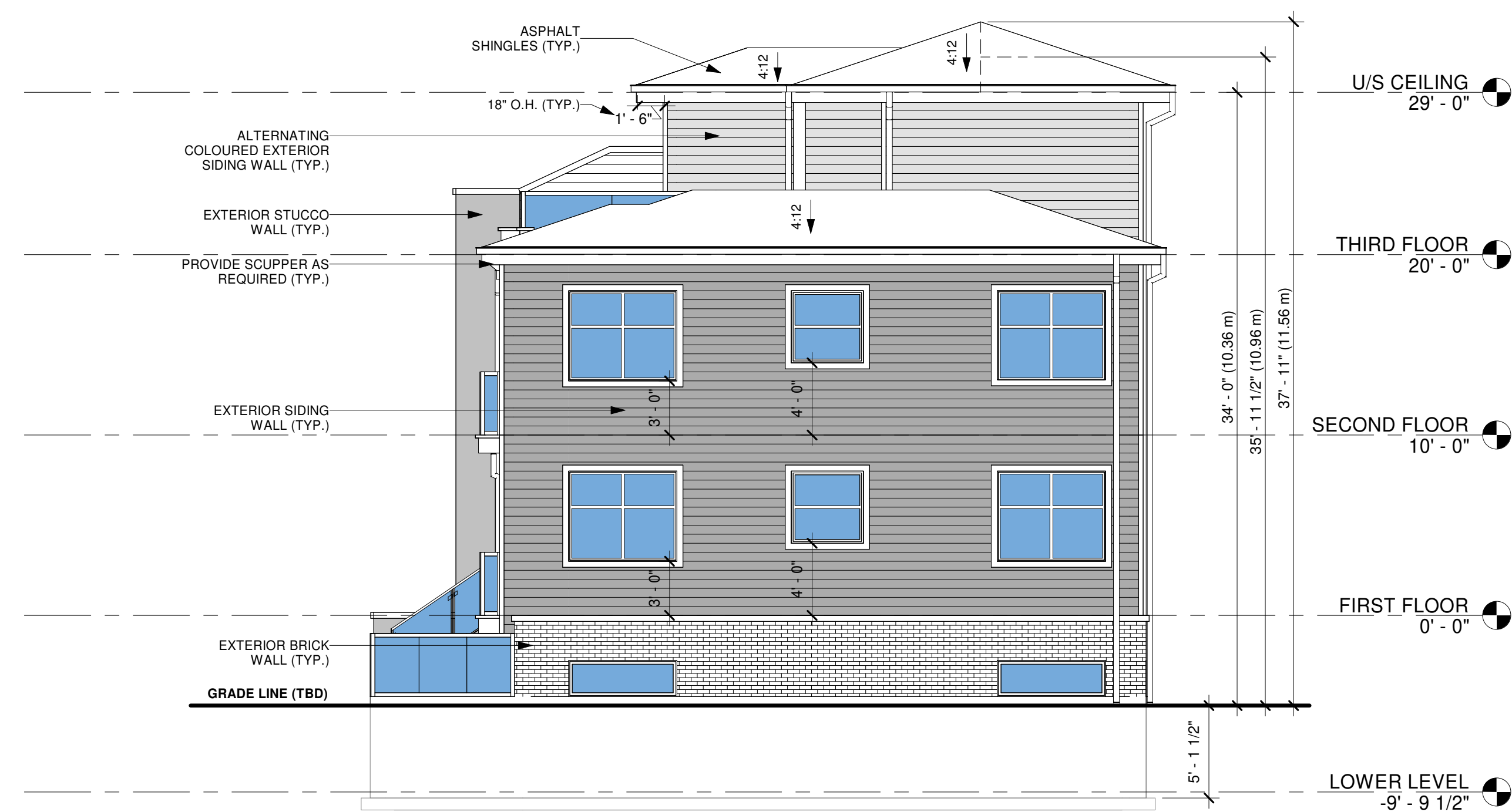


② EAST ELEVATION  
1:75

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① NORTH ELEVATION  
1 : 75



② SOUTH ELEVATION  
1 : 75



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PROJECT:

**STACKED TOWNHOMES  
DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:

**ELEVATIONS**

**BLOCK-A**

UNIT 1 TO 15

DRAWN BY: DR

DATE:

CHECKED BY:

SCALE: AS NOTED

PROJECT NO.:

DRAWING NO.:

**A-3.2**

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**STACKED TOWNHOMES DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:

**ELEVATIONS**

**BLOCK-B**

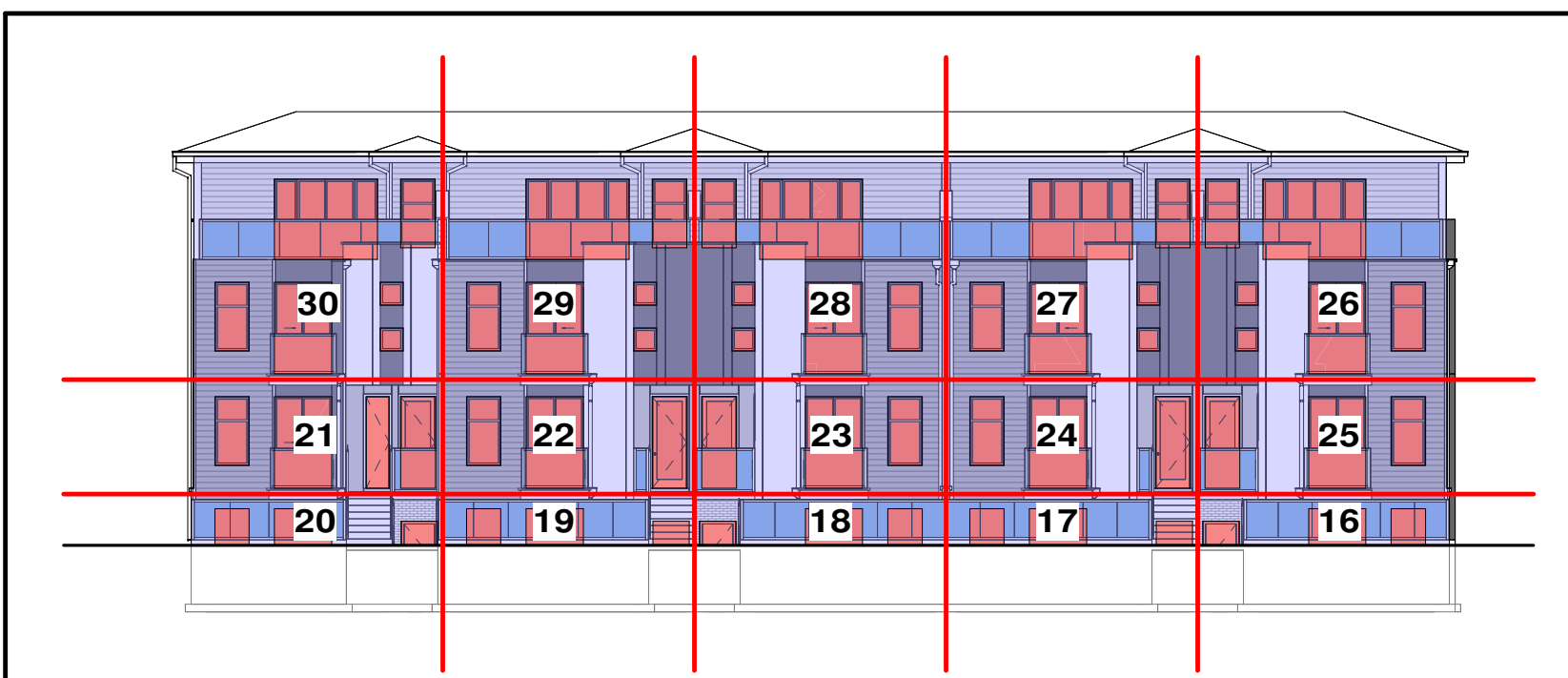
UNIT 16 TO 30

DRAWN BY: DR DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

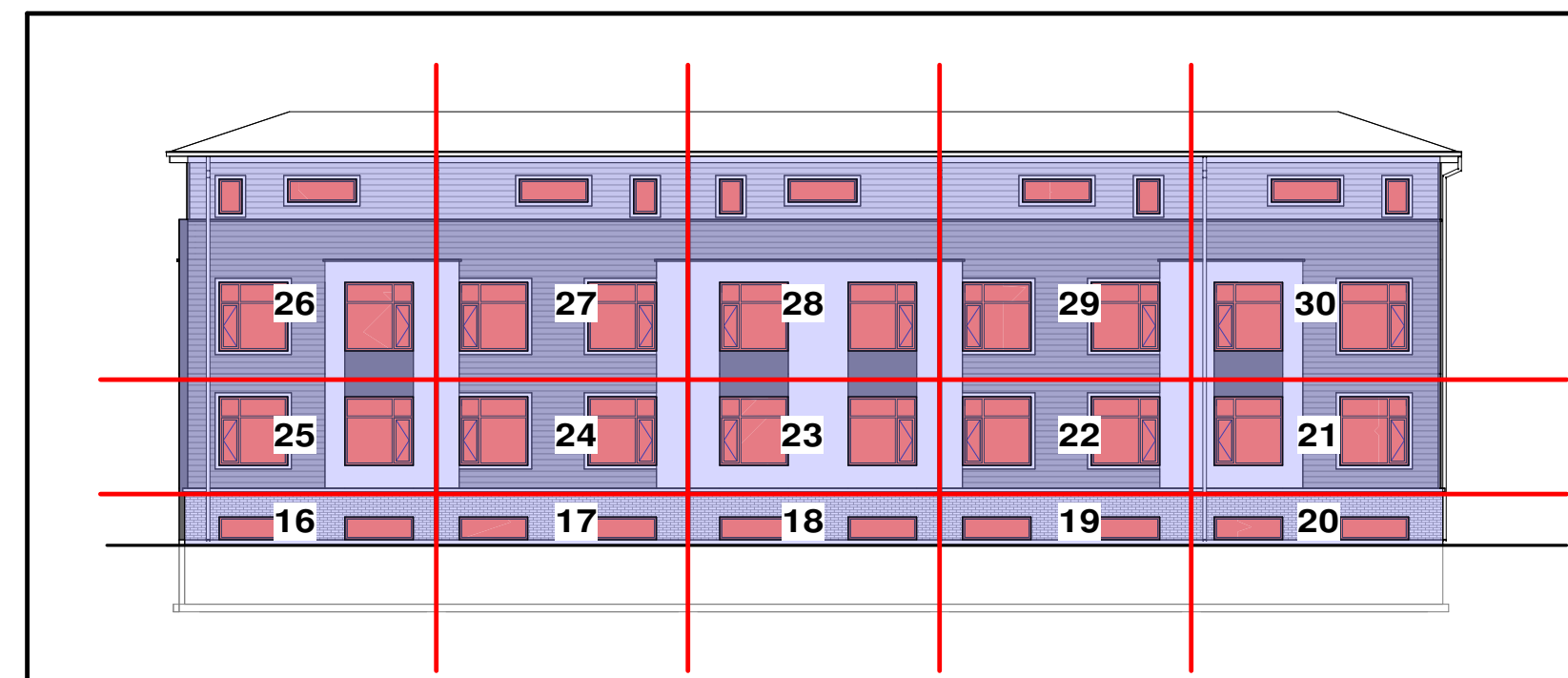
**A-3.3**



**EAST SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

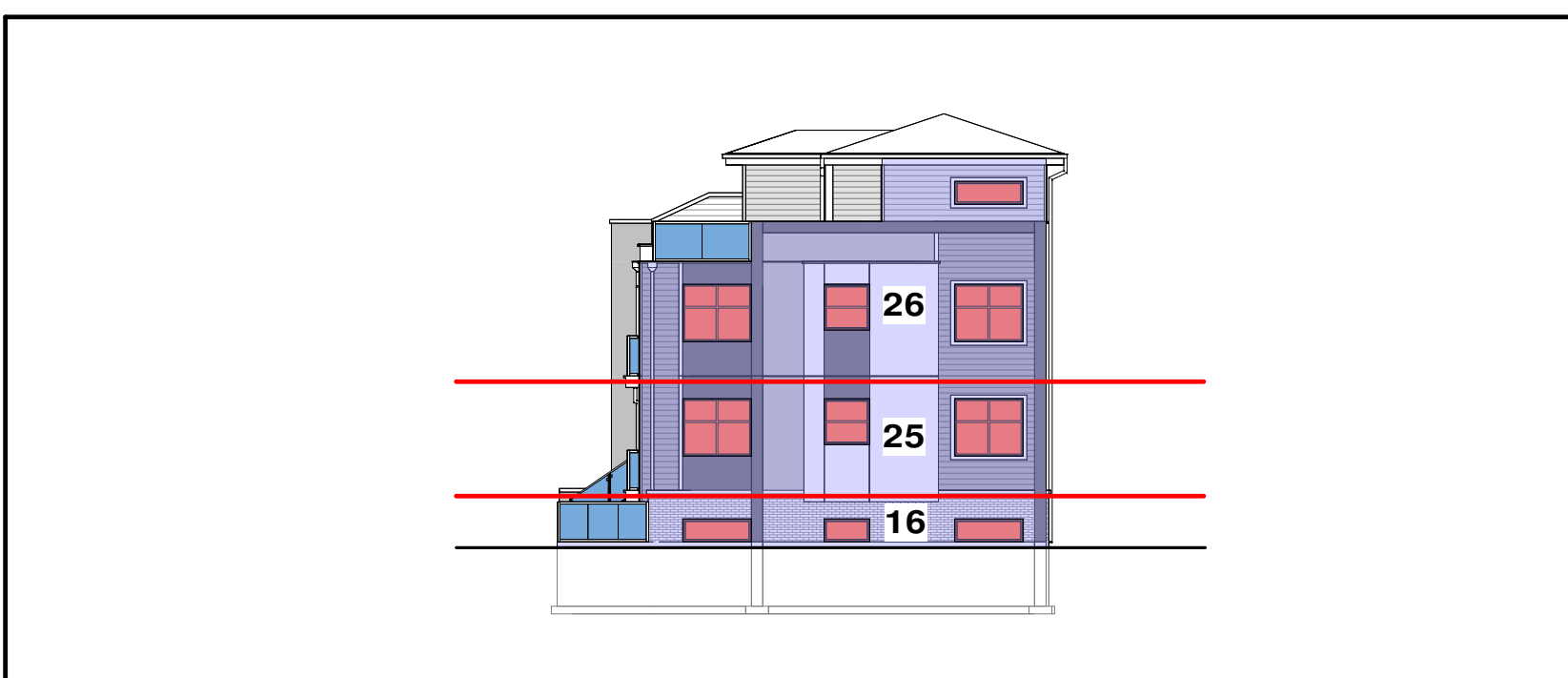
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
16	09.20 SQMT	7.48 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
17	09.20 SQMT	7.48 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
18	09.20 SQMT	7.48 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
19	09.20 SQMT	7.48 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
20	09.20 SQMT	7.48 MT	09.20 SQMT (100%)	3.01 SQMT (32.72%)
21	20.22 SQMT	7.48 MT	20.22 SQMT (100%)	9.41 SQMT (45.20%)
22	20.44 SQMT	7.48 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
23	20.44 SQMT	7.48 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
24	20.44 SQMT	7.48 MT	20.44 SQMT (100%)	7.66 SQMT (37.48%)
25	20.22 SQMT	7.48 MT	20.22 SQMT (100%)	7.66 SQMT (37.88%)
26	39.40 SQMT	7.48 MT	34.82 SQMT (88.38%)	13.66 SQMT (34.67%)
27	39.86 SQMT	7.48 MT	35.23 SQMT (88.38%)	13.66 SQMT (34.27%)
28	39.86 SQMT	7.48 MT	35.23 SQMT (88.38%)	13.66 SQMT (34.27%)
29	39.86 SQMT	7.48 MT	35.23 SQMT (88.38%)	13.66 SQMT (34.27%)
30	39.40 SQMT	7.48 MT	34.82 SQMT (88.38%)	13.66 SQMT (34.67%)



**WEST SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

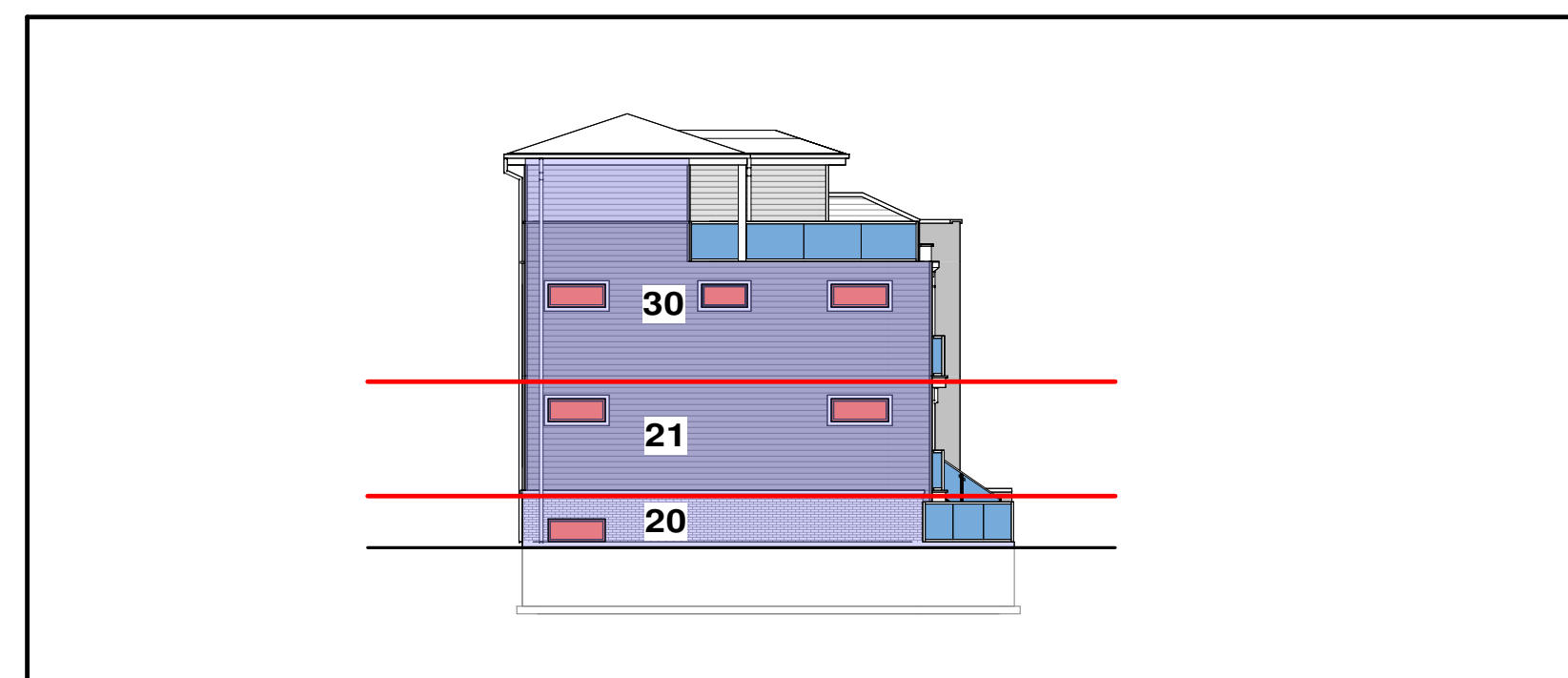
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
16	09.20 SQMT	4.34 MT	08.88 SQMT (96.50%)	2.23 SQMT (24.24%)
17	09.20 SQMT	4.34 MT	08.88 SQMT (96.50%)	2.23 SQMT (24.24%)
18	09.20 SQMT	4.34 MT	08.88 SQMT (96.50%)	2.23 SQMT (24.24%)
19	09.20 SQMT	4.34 MT	08.88 SQMT (96.50%)	2.23 SQMT (24.24%)
20	09.20 SQMT	4.34 MT	08.88 SQMT (96.50%)	2.23 SQMT (24.24%)
21	20.22 SQMT	4.34 MT	11.90 SQMT (58.88%)	6.69 SQMT (33.08%)
22	20.44 SQMT	4.34 MT	12.03 SQMT (58.88%)	6.69 SQMT (32.73%)
23	20.44 SQMT	4.34 MT	12.03 SQMT (58.88%)	6.69 SQMT (32.73%)
24	20.44 SQMT	4.34 MT	12.03 SQMT (58.88%)	6.69 SQMT (32.73%)
25	20.90 SQMT	4.34 MT	12.30 SQMT (58.88%)	6.69 SQMT (32.00%)
26	40.38 SQMT	4.34 MT	14.79 SQMT (36.63%)	8.36 SQMT (20.71%)
27	39.86 SQMT	4.34 MT	14.60 SQMT (36.63%)	8.36 SQMT (20.98%)
28	39.86 SQMT	4.34 MT	14.60 SQMT (36.63%)	8.36 SQMT (20.98%)
29	39.86 SQMT	4.34 MT	14.60 SQMT (36.63%)	8.36 SQMT (20.98%)
30	39.40 SQMT	4.34 MT	14.43 SQMT (36.63%)	8.36 SQMT (21.22%)



**NORTH SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
16	15.04 SQMT	6.10 MT	15.04 SQMT (100%)	2.97 SQMT (19.75%)
25	32.99 SQMT	6.10 MT	22.76 SQMT (69.00%)	7.06 SQMT (21.40%)
26	50.33 SQMT	6.10 MT	28.69 SQMT (57.00%)	8.18 SQMT (16.25%)



**SOUTH SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
20	15.04 SQMT	1.35 MT	1.35 SQMT (9.00%)	0.93 SQMT (6.18%)
21	32.99 SQMT	1.35 MT	2.56 SQMT (7.75%)	1.86 SQMT (5.64%)
30	46.61 SQMT	1.35 MT	3.50 SQMT (7.50%)	2.60 SQMT (5.58%)

WALL OPENINGS  
RESIDENTIAL

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5858 DUNN STREET,  
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CANADA

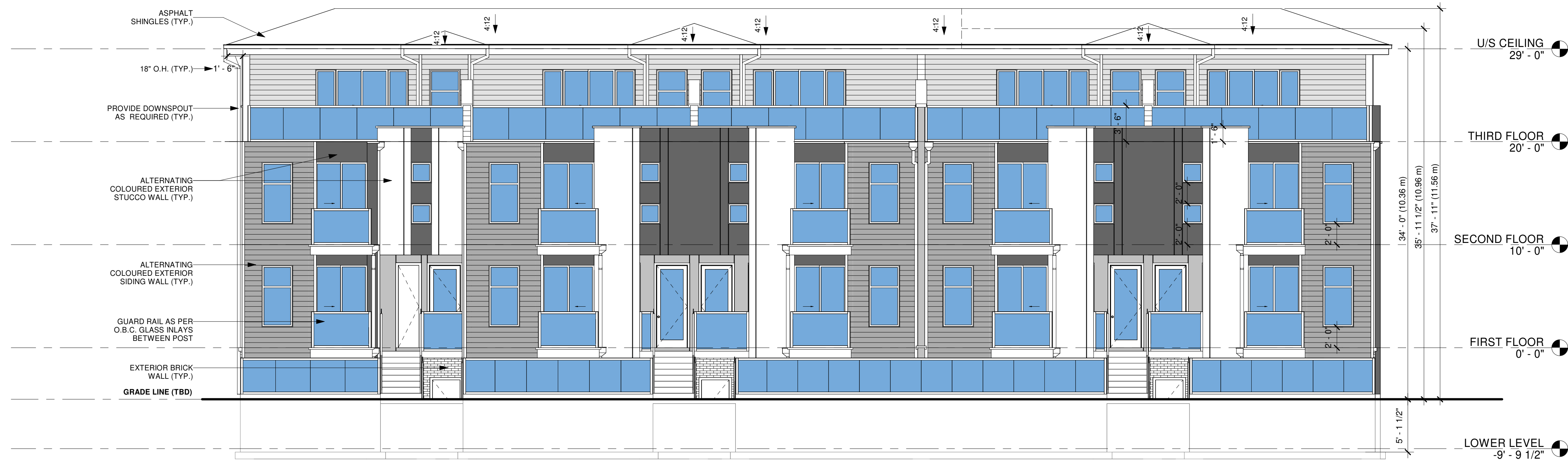
DRAWING TITLE:  
**ELEVATIONS  
BLOCK-B**  
UNIT 16 TO 30

DRAWN BY: DR DATE:

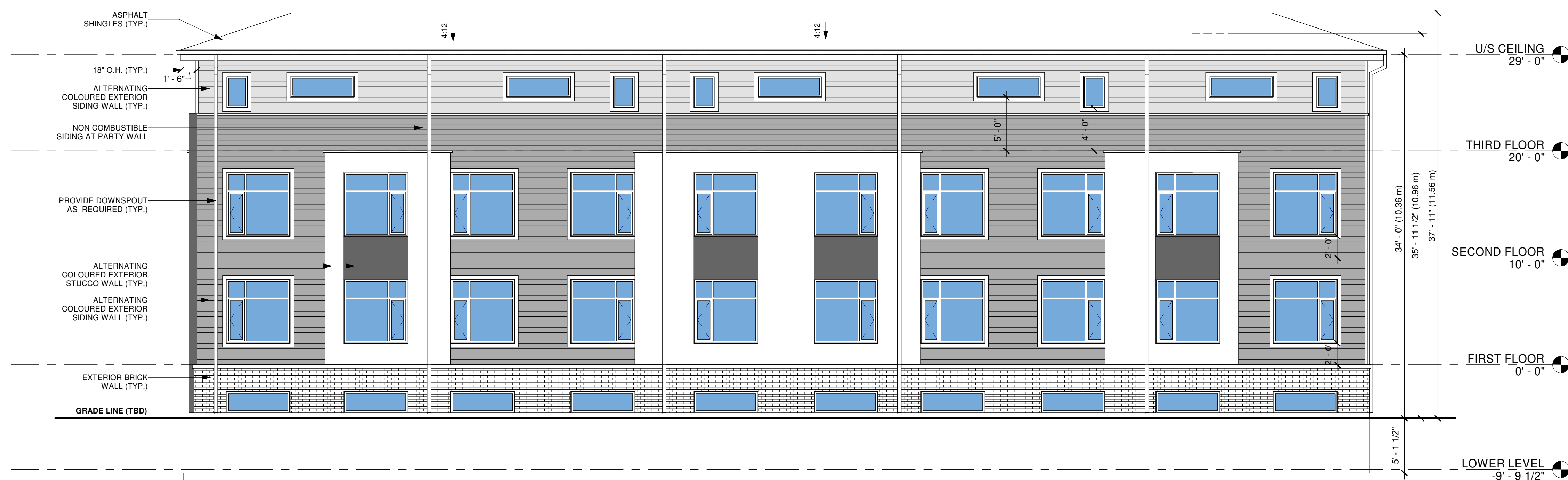
CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

**A-3.4**

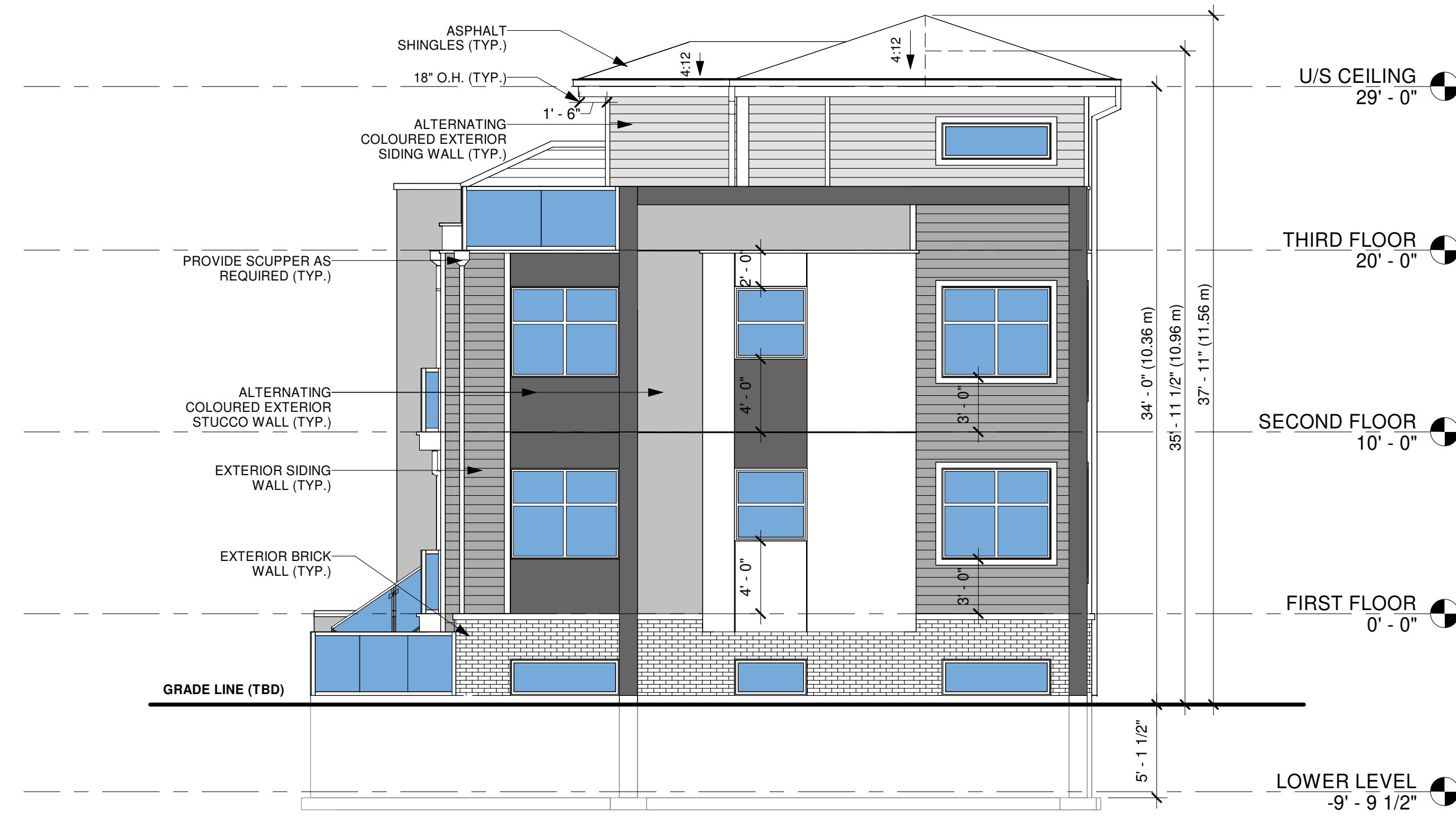


① EAST ELEVATION  
1 : 75

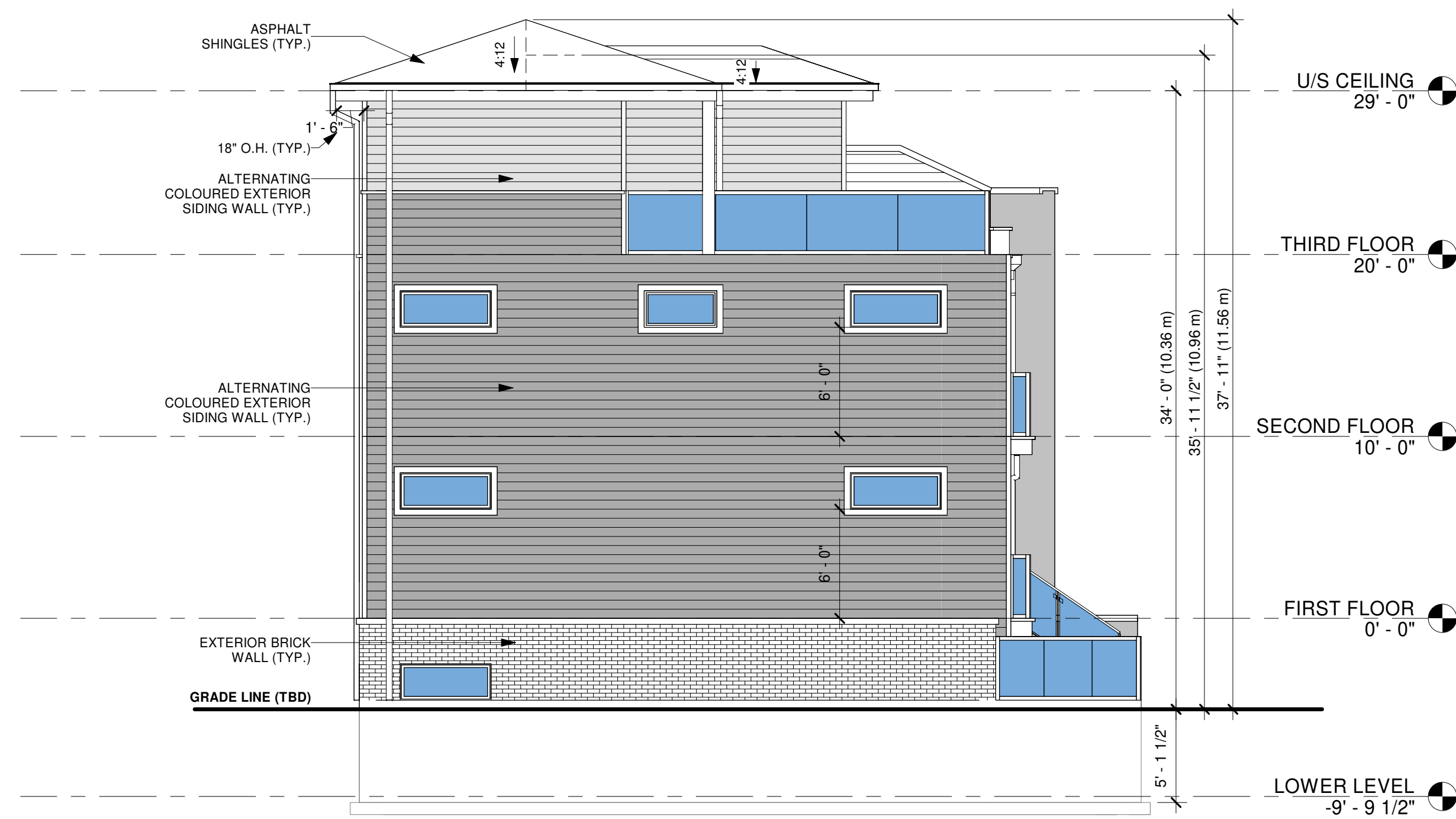


② WEST ELEVATION  
1 : 75

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① NORTH ELEVATION  
 1 : 75



② SOUTH ELEVATION  
 1 : 75



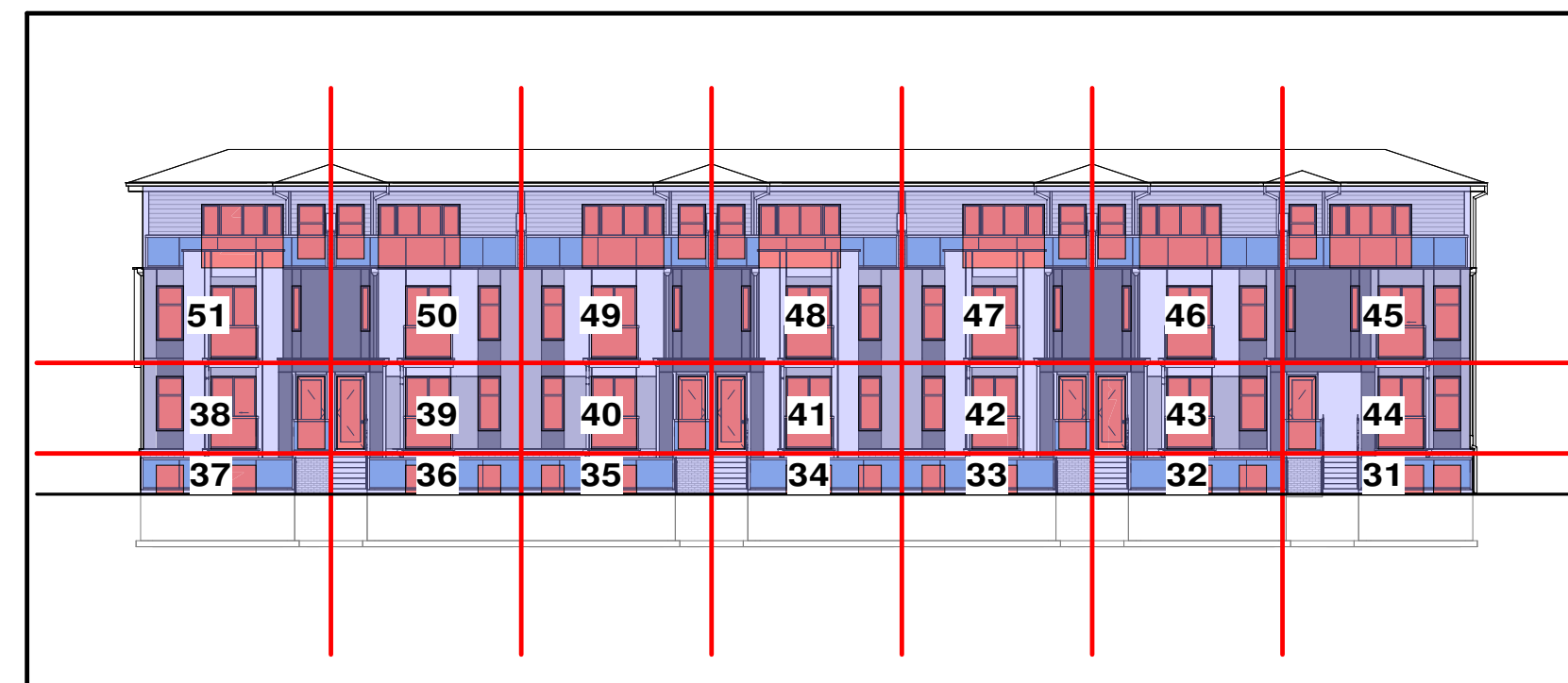
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 5858 DUNN STREET,  
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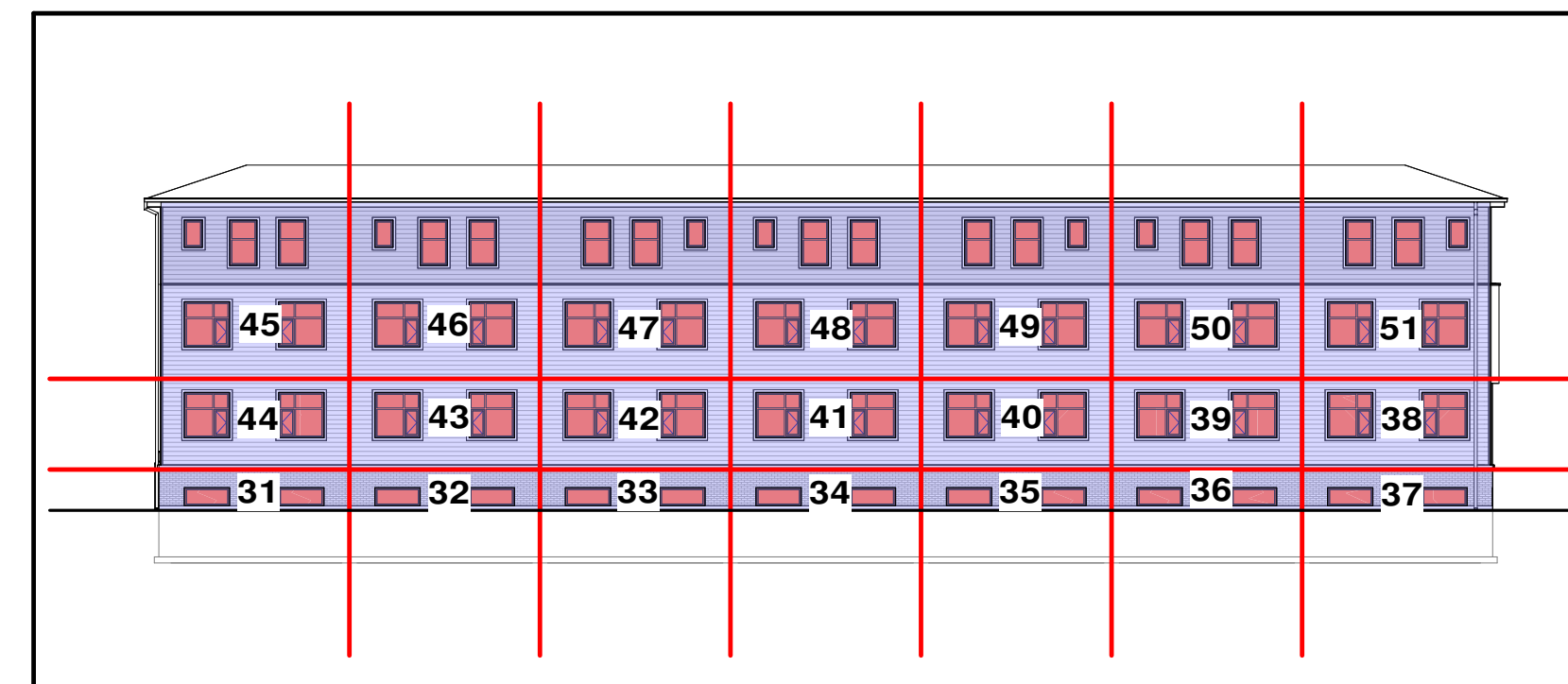
DRAWING TITLE:  
**ELEVATIONS  
 BLOCK-B**  
 UNIT 16 TO 30

DRAWN BY: DR	DATE:
CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
	<b>A-3.5</b>



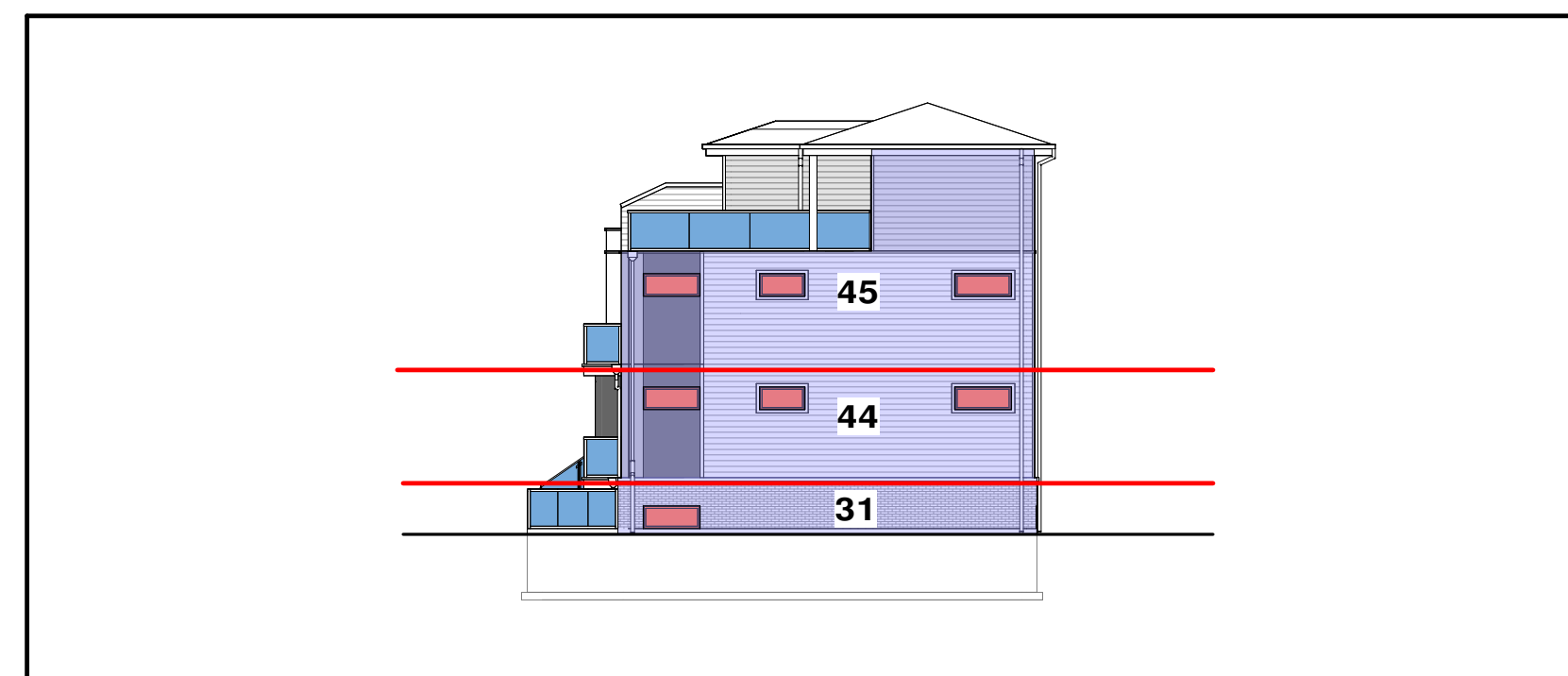
**EAST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
32	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
33	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
34	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
35	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
36	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
37	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
38	19.25 SQMT	7.83 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
39	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
40	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
41	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
42	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
43	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.62 SQMT (39.06%)
44	19.25 SQMT	7.83 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
45	37.55 SQMT	7.83 MT	34.64 SQMT (92.25%)	13.85 SQMT (36.88%)
46	38.04 SQMT	7.83 MT	35.09 SQMT (92.25%)	13.38 SQMT (35.17%)
47	38.04 SQMT	7.83 MT	35.09 SQMT (92.25%)	13.10 SQMT (34.44%)
48	38.04 SQMT	7.83 MT	35.09 SQMT (92.25%)	13.10 SQMT (34.44%)
49	38.04 SQMT	7.83 MT	35.09 SQMT (92.25%)	13.10 SQMT (34.44%)
50	38.04 SQMT	7.83 MT	35.09 SQMT (92.25%)	13.10 SQMT (34.44%)
51	37.55 SQMT	7.83 MT	34.64 SQMT (92.25%)	13.38 SQMT (35.63%)



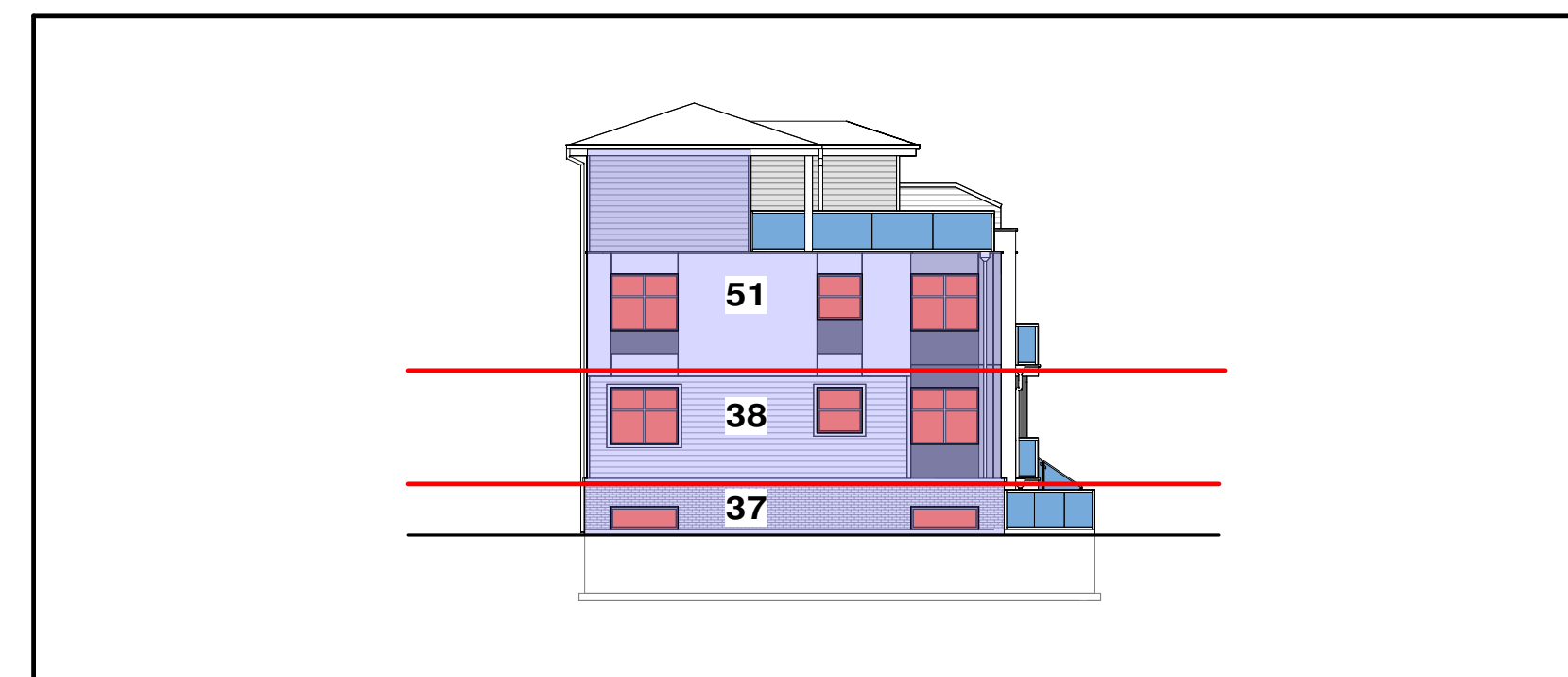
**WEST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
32	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
33	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
34	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
35	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
36	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
37	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
38	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
39	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
40	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
41	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
42	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
43	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
44	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
45	37.59 SQMT	4.34 MT	13.77 SQMT (36.63%)	7.99 SQMT (21.26%)
46	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
47	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
48	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
49	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
50	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
51	37.59 SQMT	4.34 MT	13.77 SQMT (36.63%)	7.99 SQMT (21.26%)



**NORTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	15.47 SQMT	1.35 MT	1.39 SQMT (9.00%)	0.93 SQMT (6.01%)
44	33.90 SQMT	1.35 MT	2.63 SQMT (7.75%)	2.60 SQMT (7.67%)
45	47.55 SQMT	1.35 MT	3.57 SQMT (7.50%)	2.60 SQMT (5.47%)

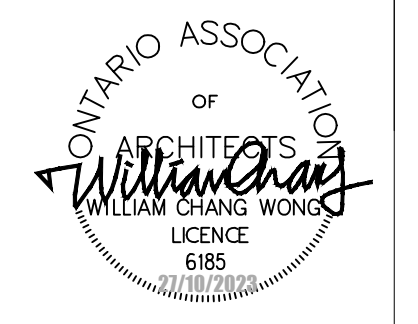


**SOUTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
37	15.47 SQMT	11.25 MT	15.47 SQMT (100%)	2.23 SQMT (14.41%)
38	33.90 SQMT	11.25 MT	33.90 SQMT (100%)	7.06 SQMT (20.83%)
51	47.55 SQMT	11.25 MT	47.55 SQMT (100%)	7.06 SQMT (14.85%)

■ WALL OPENINGS  
■ RESIDENTIAL

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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:  
**ELEVATIONS**  
**BLOCK-C**  
 UNIT 31 TO 51

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:  
**A-3.6**

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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:  
**ELEVATIONS**  
**BLOCK-C**  
 UNIT 31 TO 51

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED  
 PROJECT NO.: DRAWING NO.:  
**A-3.7**



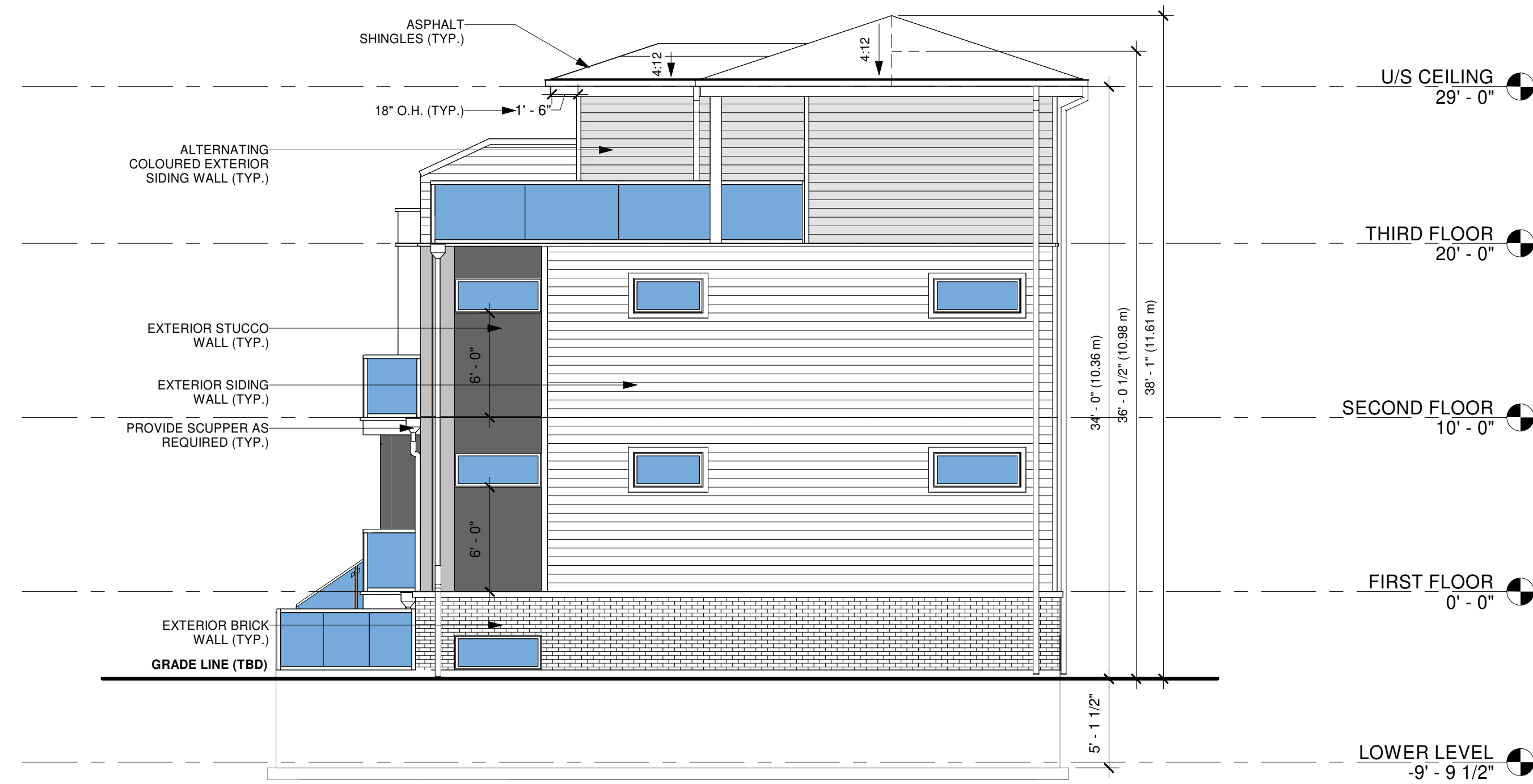
① EAST ELEVATION  
 1 : 75



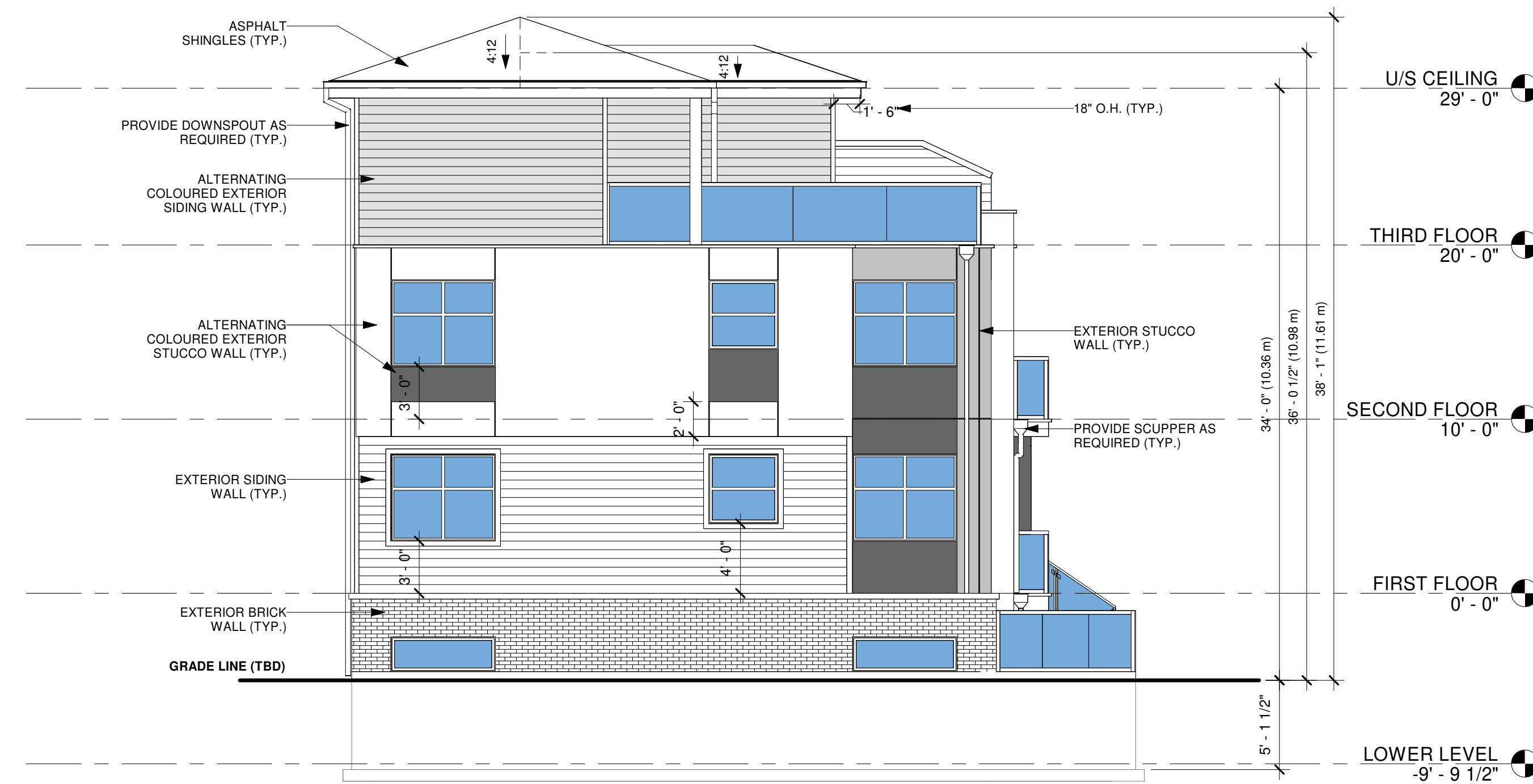
② WEST ELEVATION  
 1 : 75



Contractor & trader must check and verify all dimensions before execute the work and must report discrepancies and should not scale or measure the drawings.  
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1 NORTH ELEVATION  
 1 : 75



2 SOUTH ELEVATION  
 1 : 75



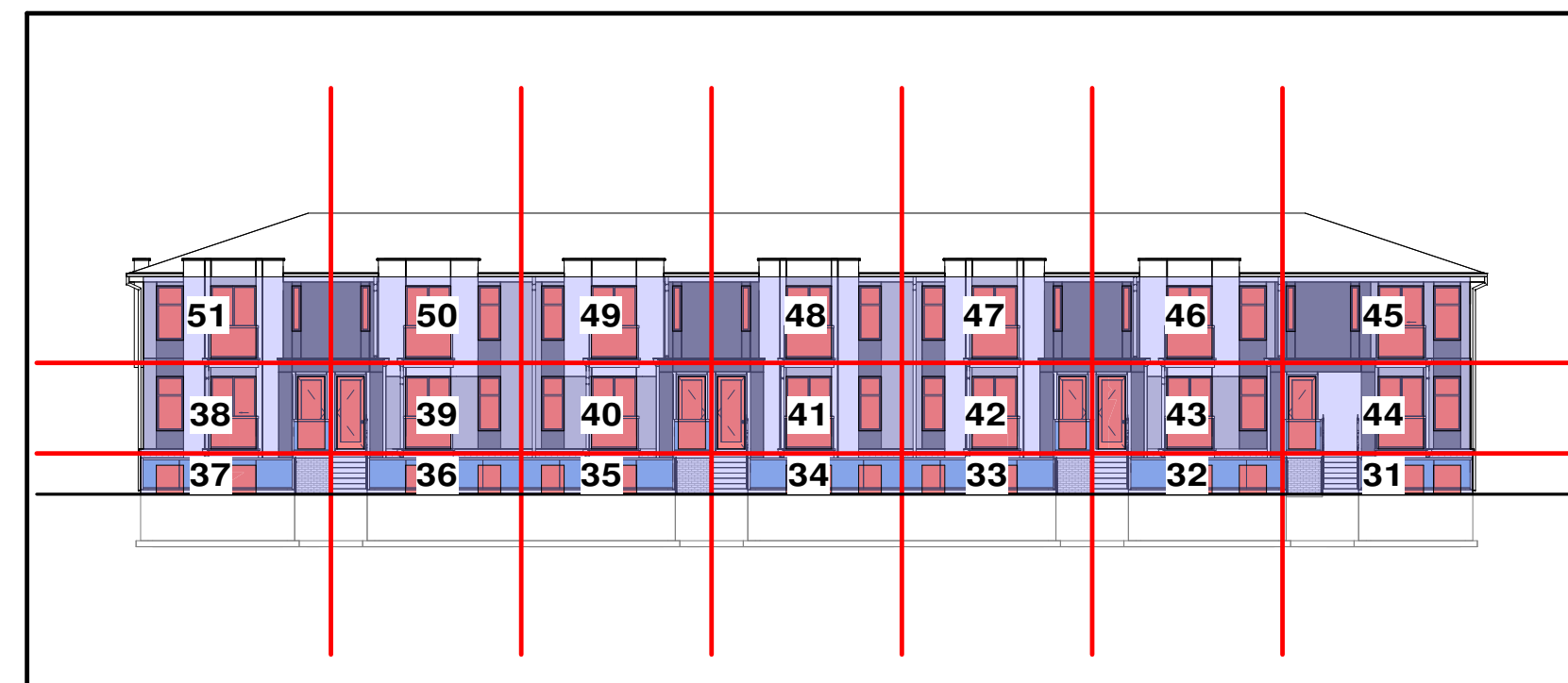
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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES  
 DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

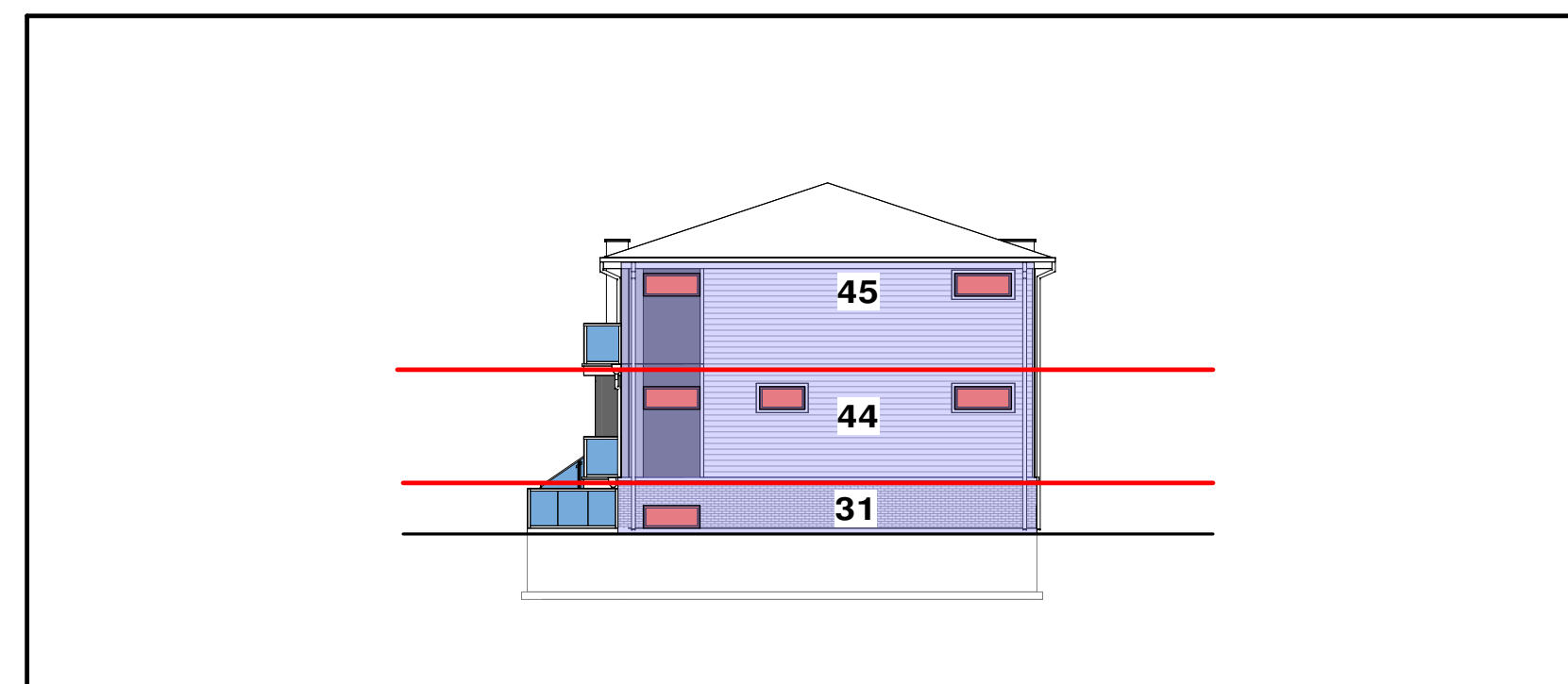
DRAWING TITLE:  
**ELEVATIONS  
 BLOCK-C**  
 UNIT 31 TO 51

DRAWN BY: DR	DATE:
CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
	<b>A-3.8</b>



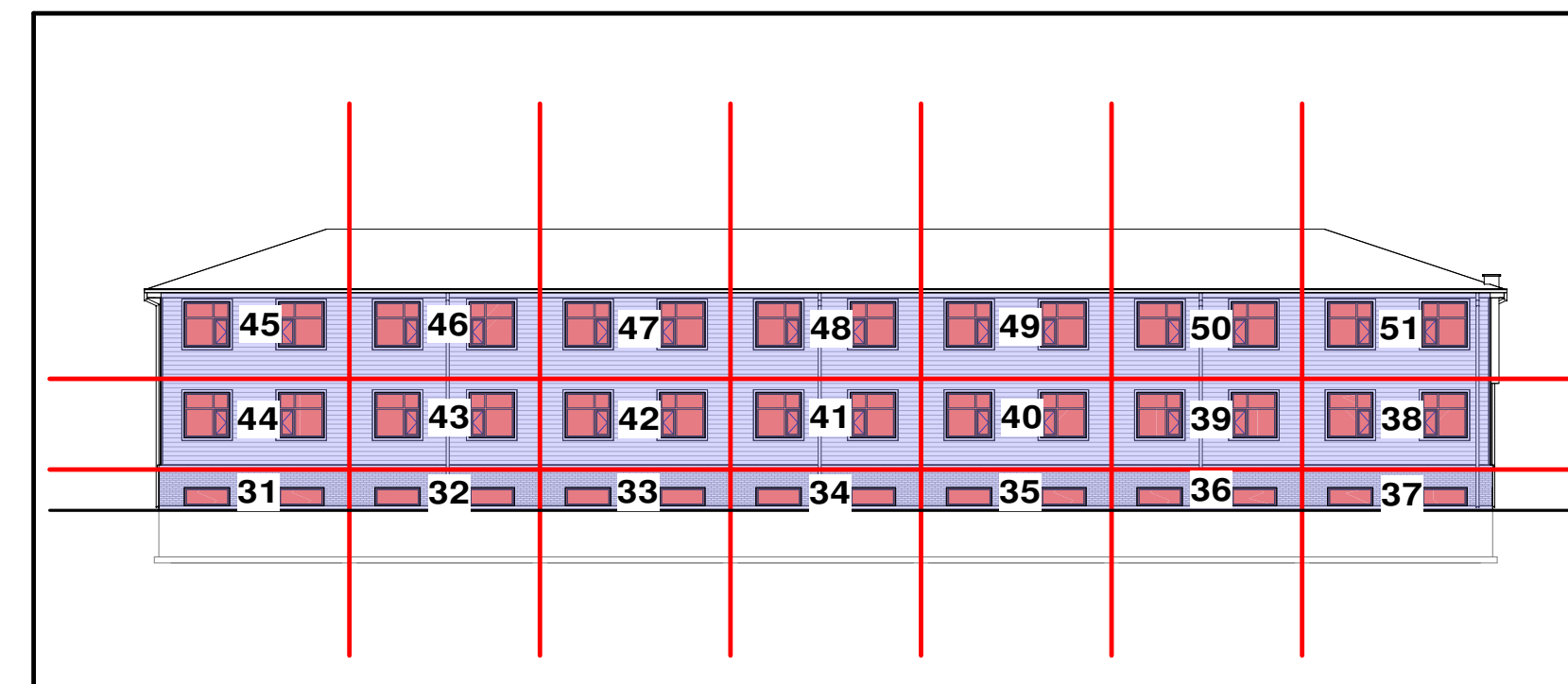
**EAST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
32	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
33	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
34	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
35	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
36	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
37	08.78 SQMT	7.83 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
38	19.25 SQMT	7.83 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
39	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
40	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
41	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
42	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
43	19.51 SQMT	7.83 MT	19.51 SQMT (100%)	7.62 SQMT (39.06%)
44	19.25 SQMT	7.83 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
45	18.28 SQMT	7.83 MT	18.28 SQMT (100%)	6.32 SQMT (34.57%)
46	18.53 SQMT	7.83 MT	18.53 SQMT (100%)	5.85 SQMT (31.57%)
47	18.53 SQMT	7.83 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
48	18.53 SQMT	7.83 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
49	18.53 SQMT	7.83 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
50	18.53 SQMT	7.83 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
51	18.28 SQMT	7.83 MT	18.28 SQMT (100%)	5.85 SQMT (32.00%)



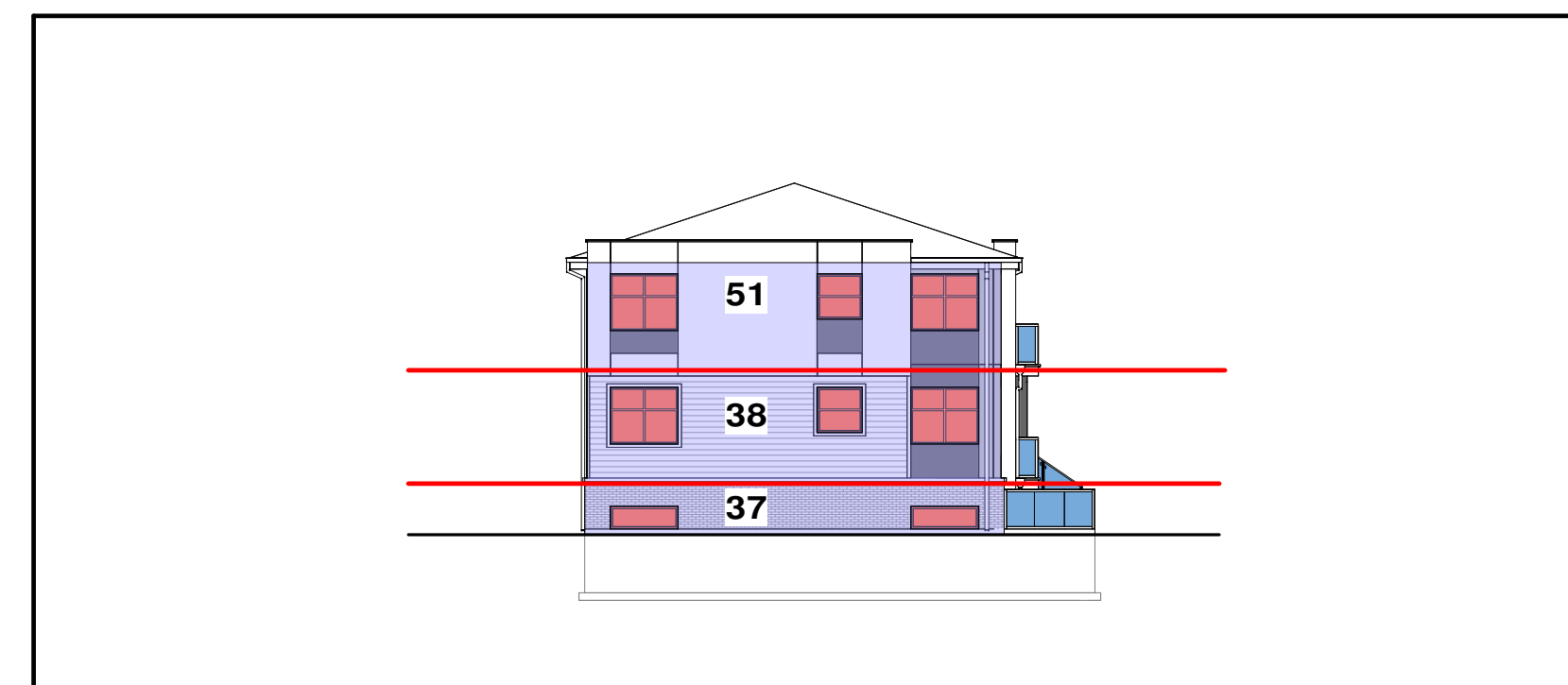
**NORTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	15.47 SQMT	1.35 MT	1.39 SQMT (9.00%)	0.93 SQMT (6.01%)
44	33.90 SQMT	1.35 MT	2.63 SQMT (7.75%)	2.60 SQMT (7.67%)
45	32.18 SQMT	1.35 MT	2.49 SQMT (7.75%)	1.86 SQMT (5.78%)



**WEST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
31	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
32	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
33	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
34	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
35	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
36	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
37	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
38	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
39	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
40	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
41	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
42	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
43	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
44	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
45	18.31 SQMT	4.34 MT	10.78 SQMT (58.88%)	4.65 SQMT (25.40%)
46	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
47	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
48	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
49	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
50	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
51	18.31 SQMT	4.34 MT	10.78 SQMT (58.88%)	4.65 SQMT (25.40%)

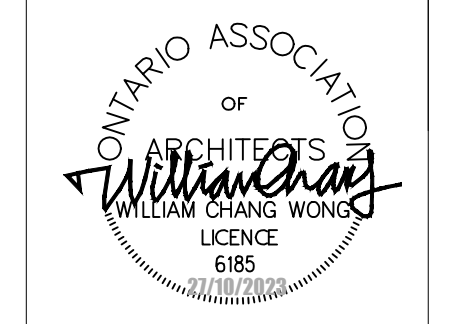


**SOUTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
37	15.47 SQMT	11.25 MT	15.47 SQMT (100%)	2.23 SQMT (14.41%)
38	33.90 SQMT	11.25 MT	33.90 SQMT (100%)	7.06 SQMT (20.83%)
51	32.18 SQMT	11.25 MT	32.18 SQMT (100%)	7.06 SQMT (21.94%)

■ WALL OPENINGS  
■ RESIDENTIAL

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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:  
**ELEVATIONS BLOCK-C (TWO STOREY)**  
 UNIT 31 TO 51

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:  
**A-3.9**

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1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

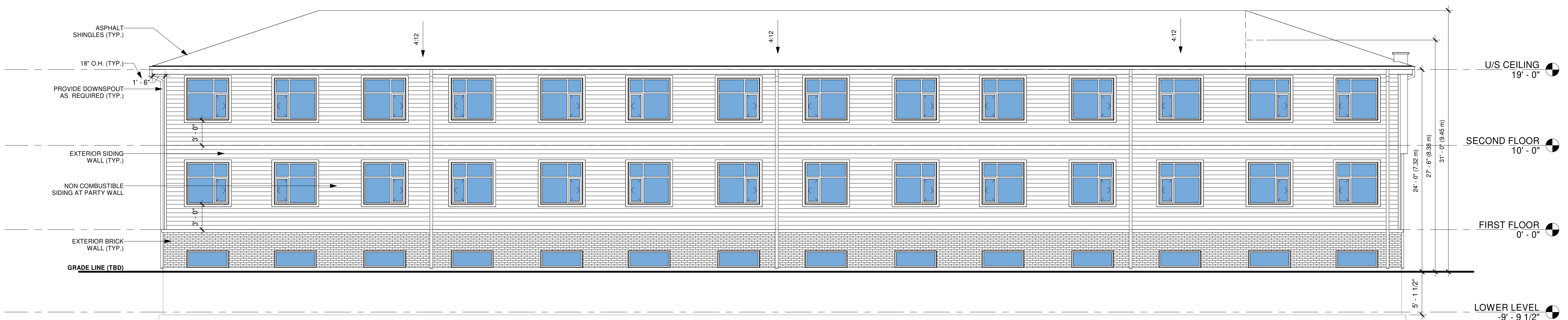
PROJECT:  
**STACKED TOWNHOMES  
 DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:  
**ELEVATIONS  
 BLOCK-C  
 (TWO STOREY)**  
 UNIT 31 TO 51

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED  
 PROJECT NO.: DRAWING NO.:  
**A-3.10**

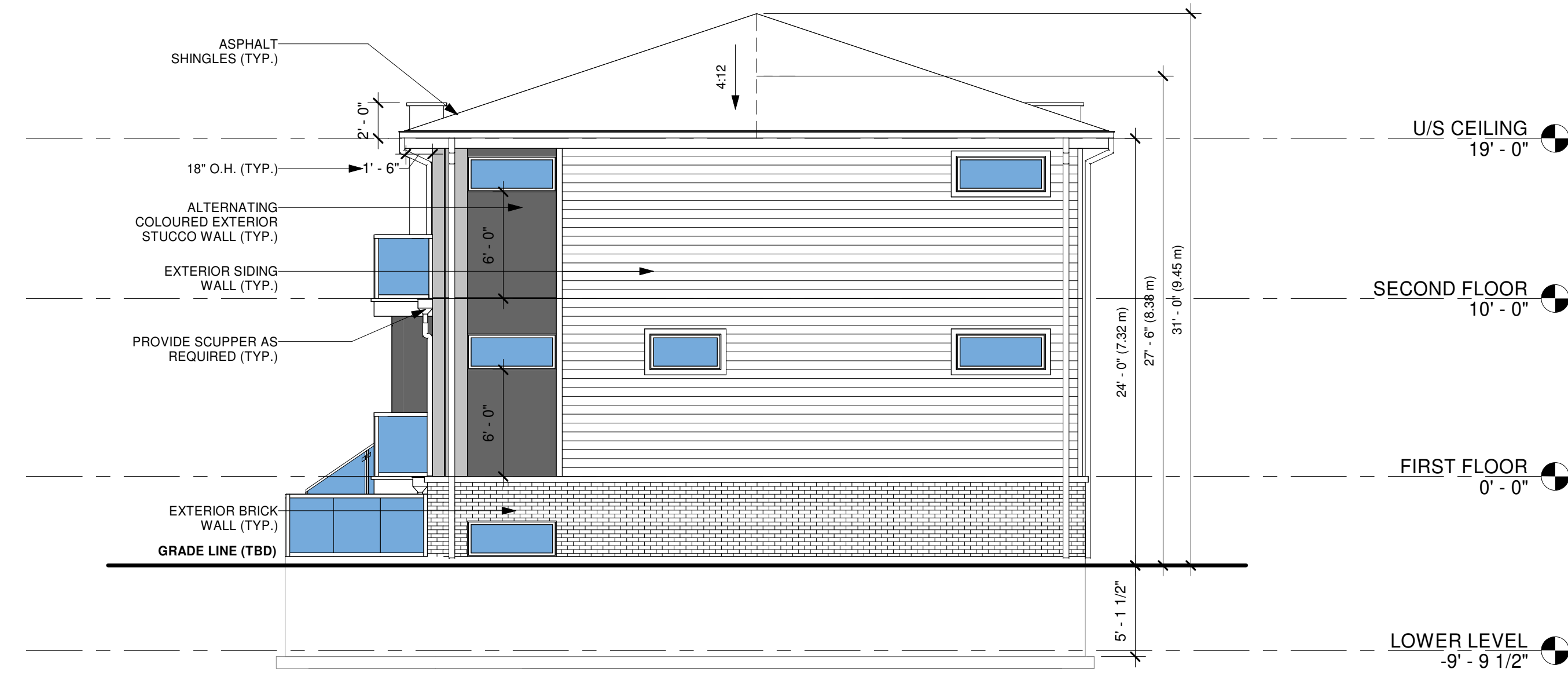


1 EAST ELEVATION  
 1 : 75

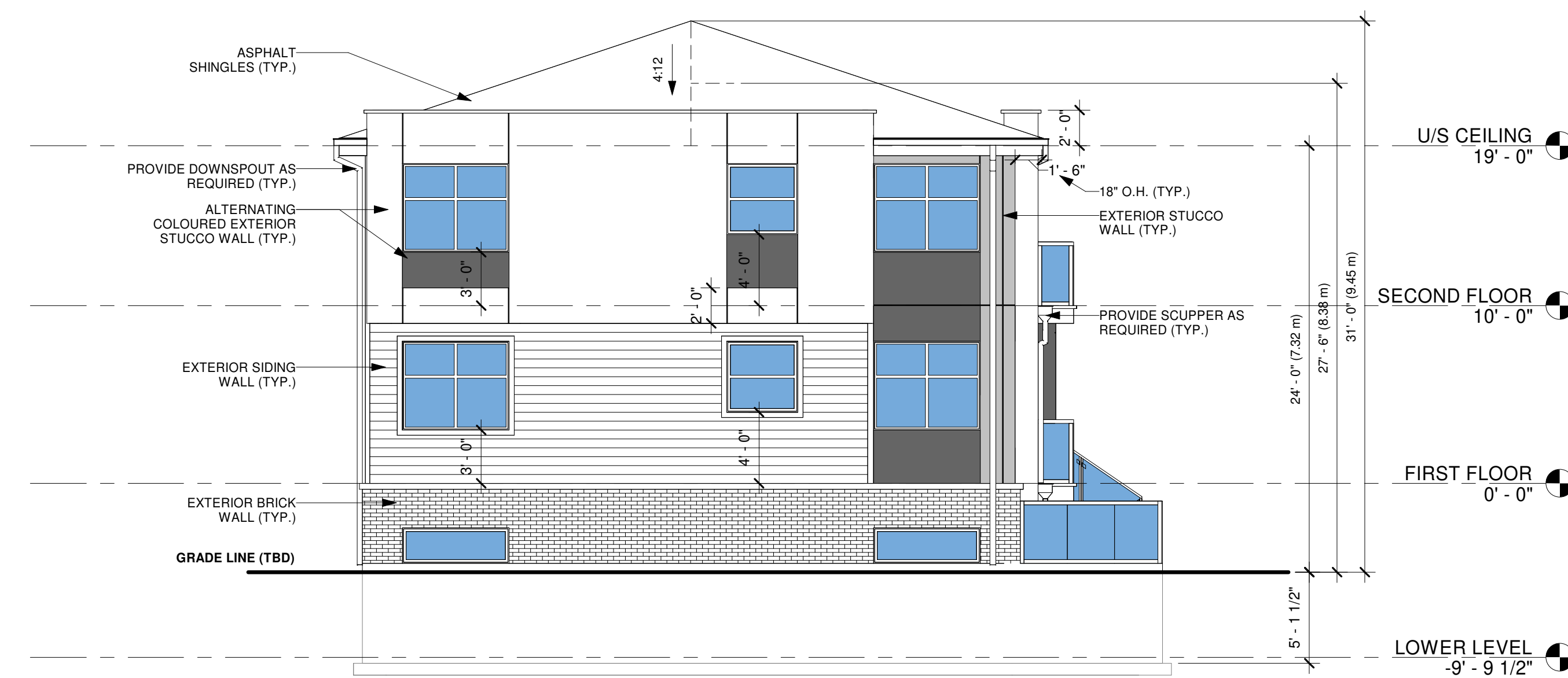


2 WEST ELEVATION  
 1 : 75

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1 NORTH ELEVATION  
1 : 75



2 SOUTH ELEVATION  
1 : 75



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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES  
DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:  
**ELEVATIONS  
BLOCK-C  
(TWO STOREY)**  
UNIT 31 TO 51

DRAWN BY: DR DATE:  
CHECKED BY: SCALE: AS NOTED  
PROJECT NO.: DRAWING NO.:  
**A-3.11**

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PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:

**ELEVATIONS**

**BLOCK-D**

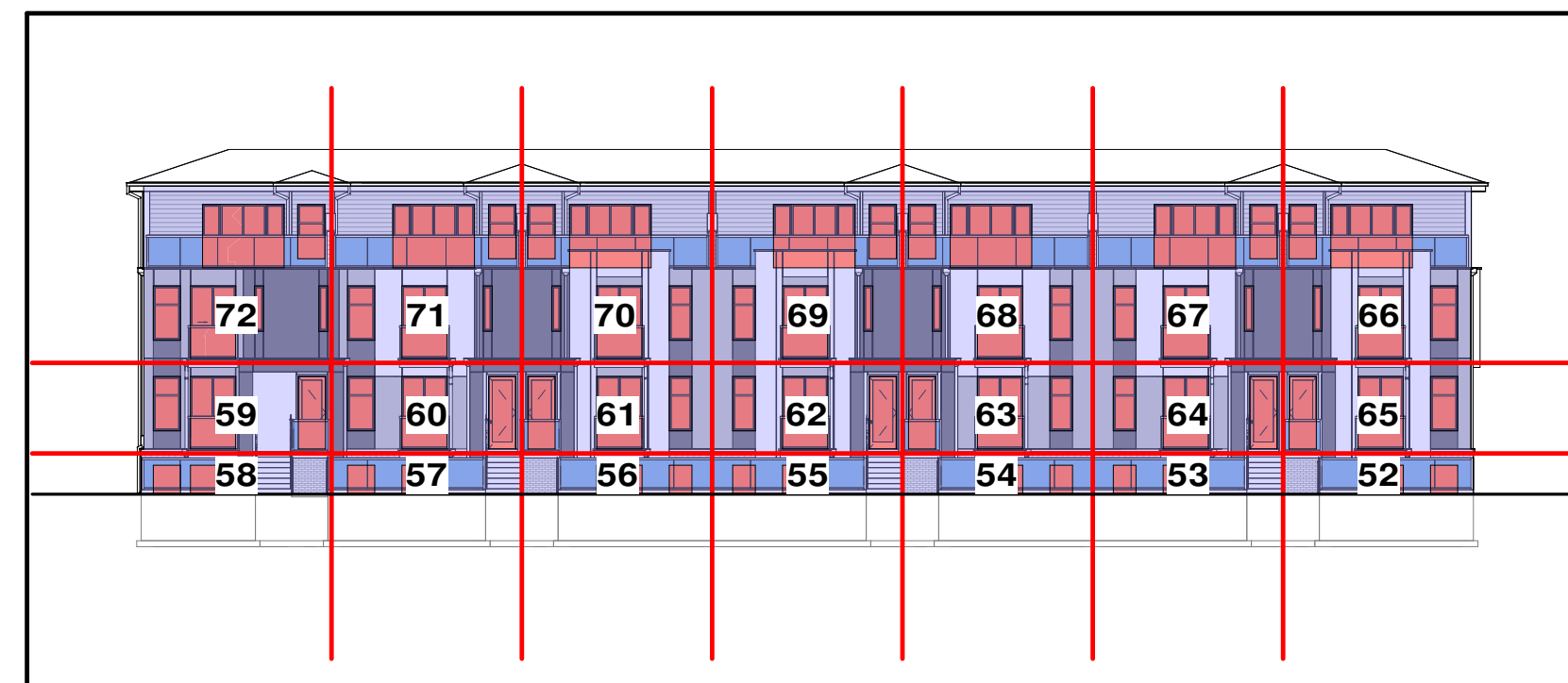
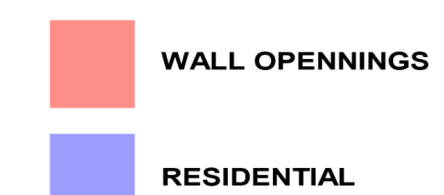
UNIT 52 TO 72

DRAWN BY: DR DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

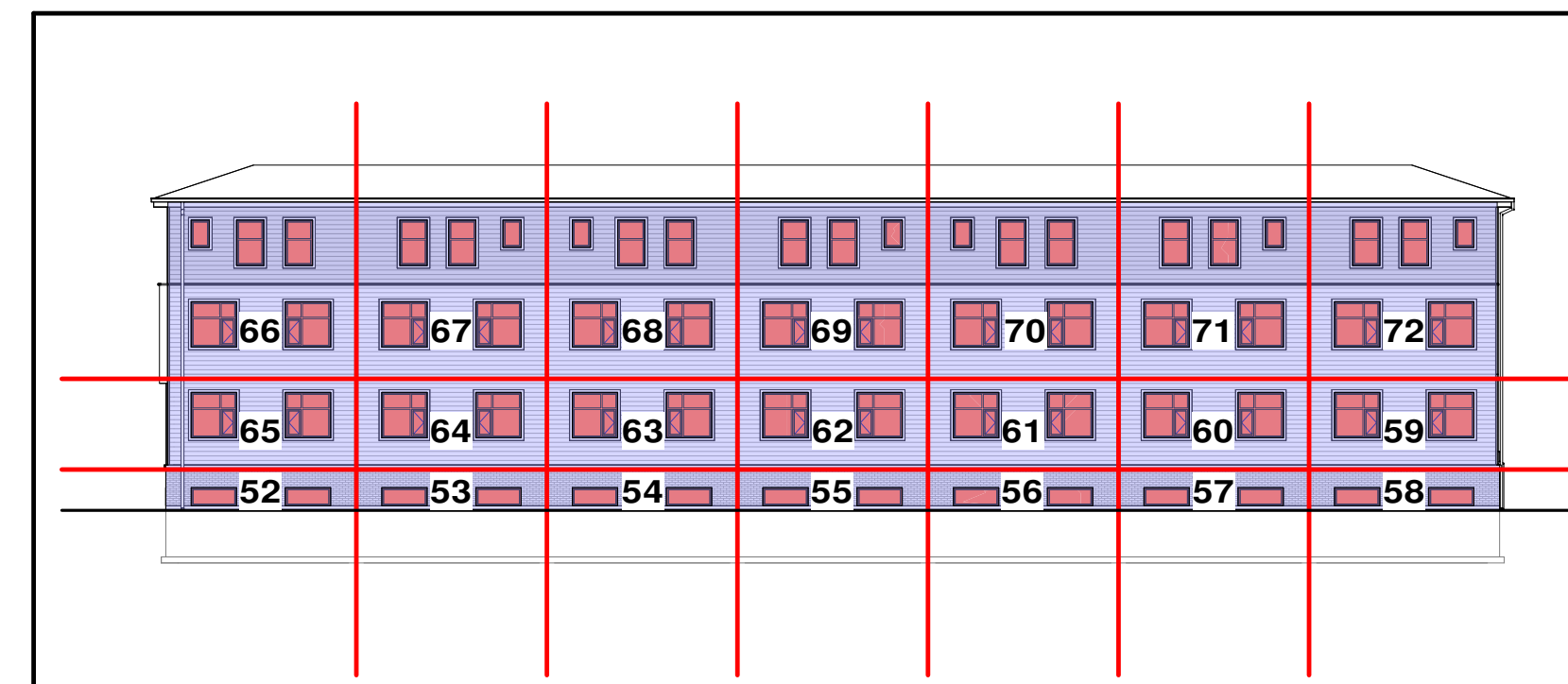
**A-3.12**



**EAST SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

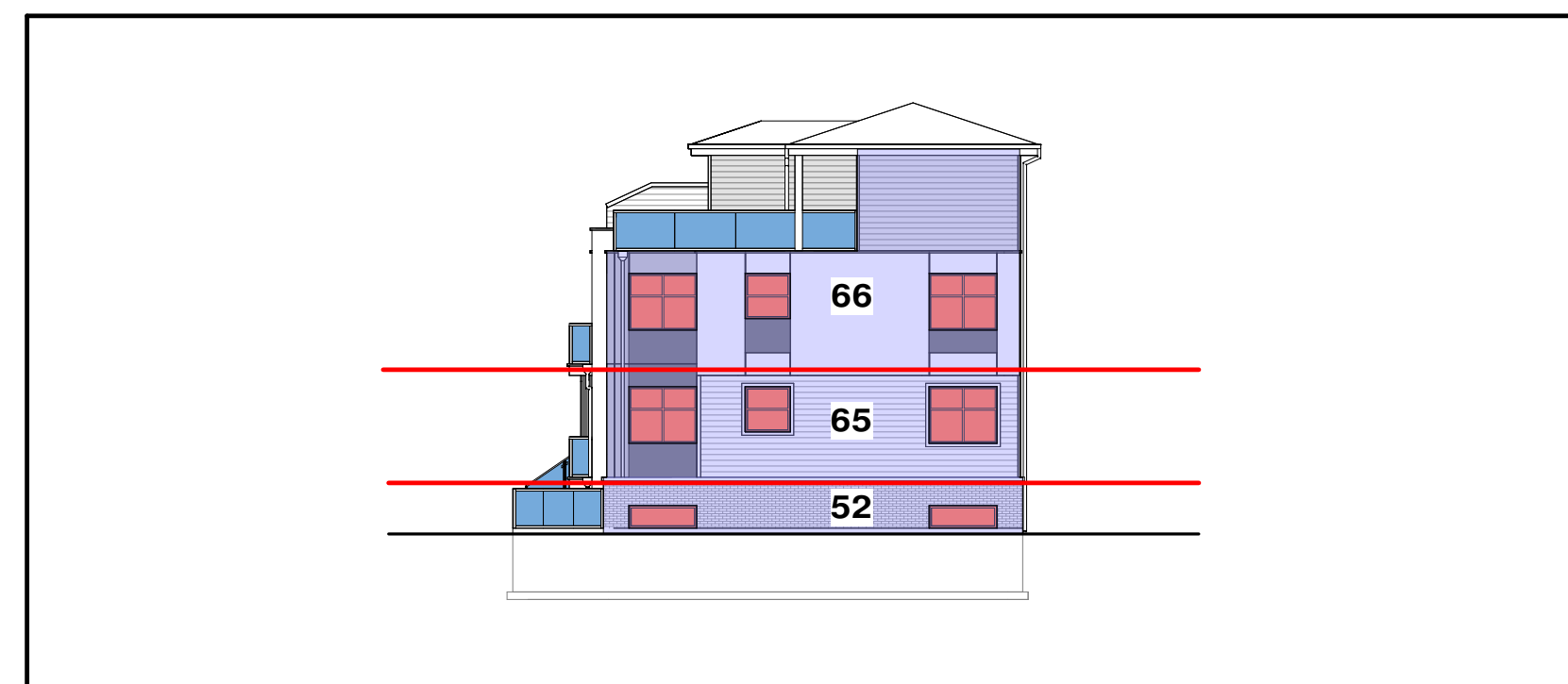
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
53	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
54	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
55	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
56	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
57	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
58	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
59	19.25 SQMT	13.34 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
60	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.62 SQMT (39.06%)
61	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
62	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
63	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
64	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
65	19.25 SQMT	13.34 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
66	37.55 SQMT	13.34 MT	37.55 SQMT (100%)	13.38 SQMT (35.63%)
67	38.04 SQMT	13.34 MT	38.04 SQMT (100%)	13.10 SQMT (34.44%)
68	38.04 SQMT	13.34 MT	38.04 SQMT (100%)	13.10 SQMT (34.44%)
69	38.04 SQMT	13.34 MT	38.04 SQMT (100%)	13.10 SQMT (34.44%)
70	38.04 SQMT	13.34 MT	38.04 SQMT (100%)	13.10 SQMT (34.44%)
71	38.04 SQMT	13.34 MT	38.04 SQMT (100%)	13.38 SQMT (35.17%)
72	37.55 SQMT	13.34 MT	37.55 SQMT (100%)	13.85 SQMT (36.88%)



**WEST SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

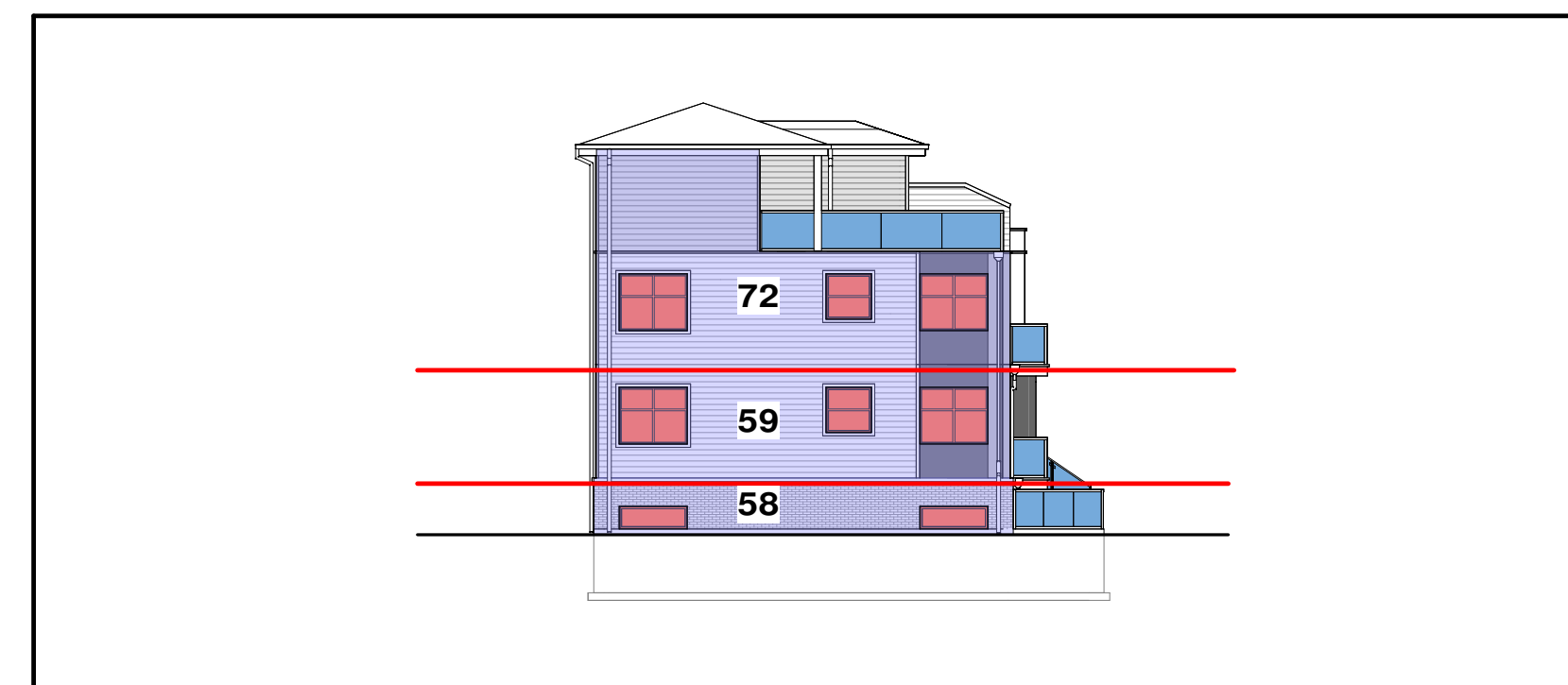
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
53	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
54	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
55	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
56	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
57	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
58	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
59	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
60	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
61	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
62	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
63	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
64	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
65	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
66	37.59 SQMT	4.34 MT	13.77 SQMT (36.63%)	7.99 SQMT (21.26%)
67	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
68	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
69	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
70	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
71	38.04 SQMT	4.34 MT	13.93 SQMT (36.63%)	7.99 SQMT (21.00%)
72	37.59 SQMT	4.34 MT	13.77 SQMT (36.63%)	7.99 SQMT (21.26%)



**NORTH SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	15.47 SQMT	22.72 MT	15.47 SQMT (100%)	2.23 SQMT (14.41%)
65	33.90 SQMT	22.72 MT	33.90 SQMT (100%)	7.06 SQMT (20.83%)
66	47.55 SQMT	22.72 MT	47.55 SQMT (100%)	14.85 SQMT (7.06%)



**SOUTH SIDE OPENING CALCULATION**

**%UNPROTECTED OPENING**

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
58	15.47 SQMT	3.00 MT	5.72 SQMT (37.00%)	2.23 SQMT (14.41%)
59	33.90 SQMT	3.00 MT	7.29 SQMT (21.50%)	7.06 SQMT (20.83%)
72	47.55 SQMT	3.00 MT	8.56 SQMT (18.00%)	7.06 SQMT (14.85%)

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① EAST ELEVATION  
1 : 75



② WEST ELEVATION  
1 : 75



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No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

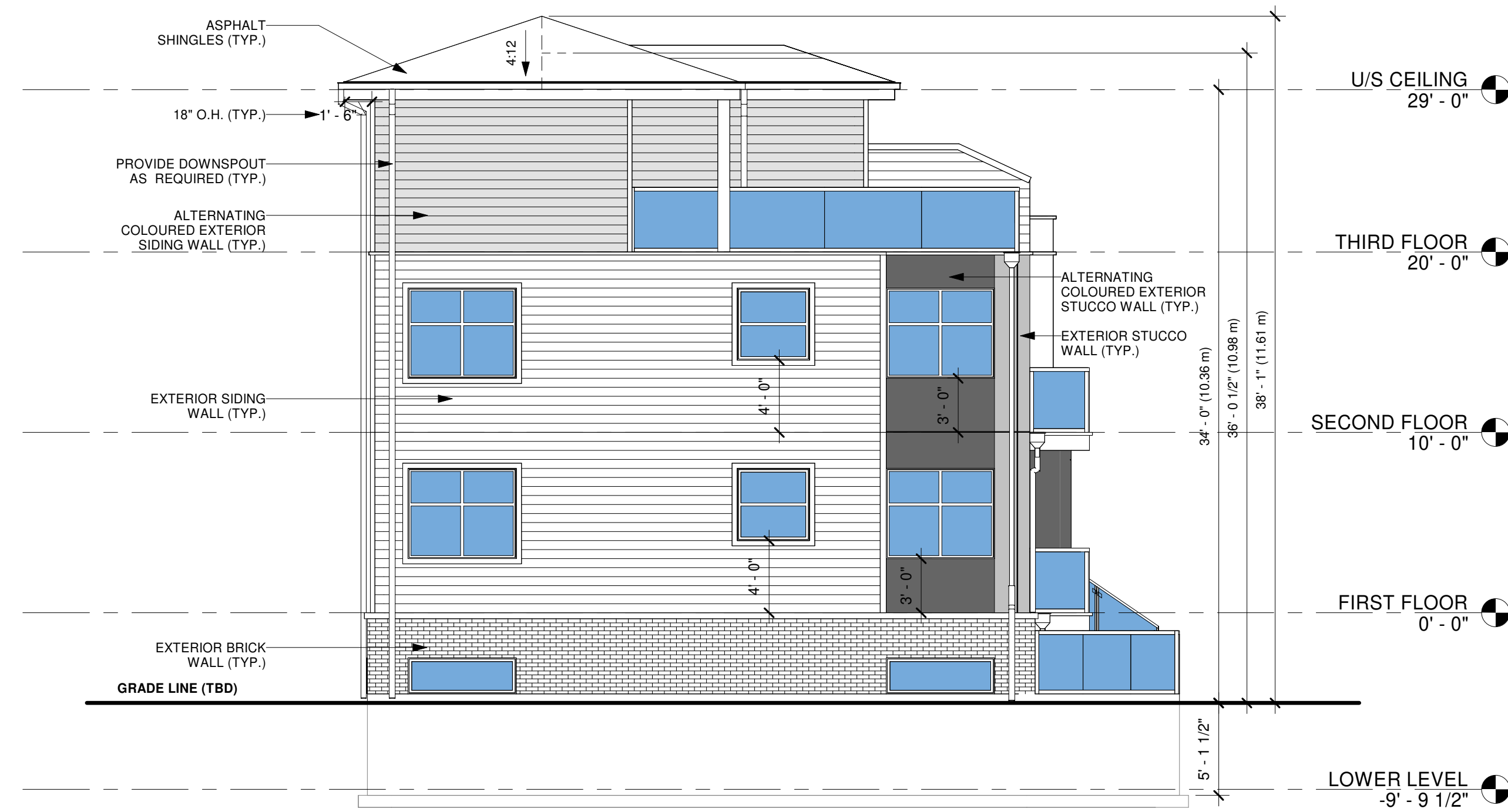
PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:  
**ELEVATIONS**  
**BLOCK-D**  
UNIT 52 TO 72

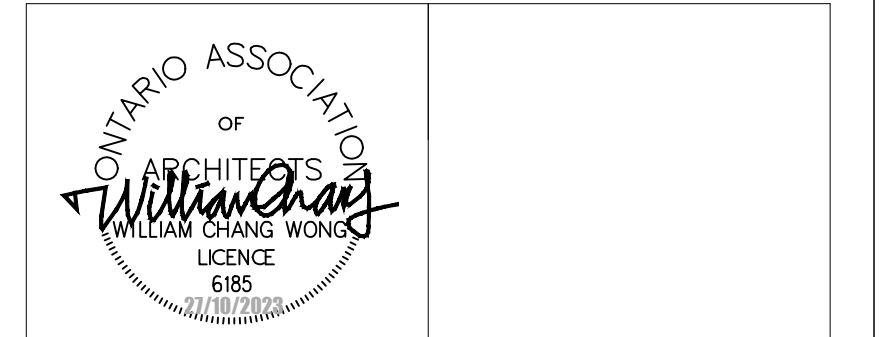
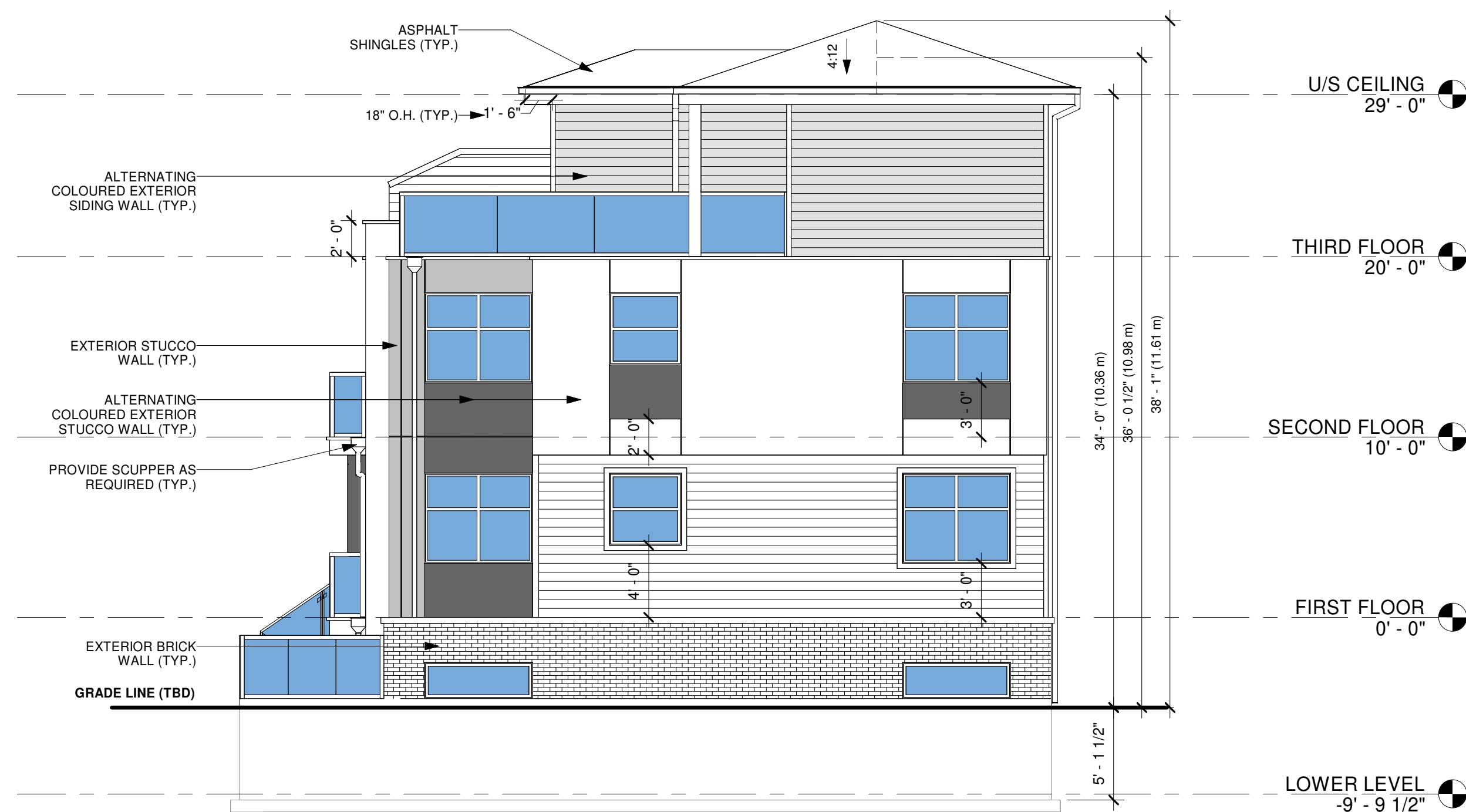
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CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
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① SOUTH ELEVATION  
 1 : 75



② NORTH ELEVATION  
 1 : 75



FOR INFORMATION ONLY

No.	Date	Version	Dwn.
1.	27/10/2023	ISSUED FOR ZONING BY LAW AMENDMENT	

PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
 5858 DUNN STREET,  
 NIAGARA FALLS, ON L2G 2P1  
 CANADA

DRAWING TITLE:  
**ELEVATIONS**  
**BLOCK-D**  
 UNIT 52 TO 72

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED  
 PROJECT NO.: DRAWING NO.:  
**A-3.14**

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PROJECT:  
**STACKED TOWNHOMES DEVELOPMENT**  
5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:

**ELEVATIONS  
BLOCK-D  
(TWO STOREY)**

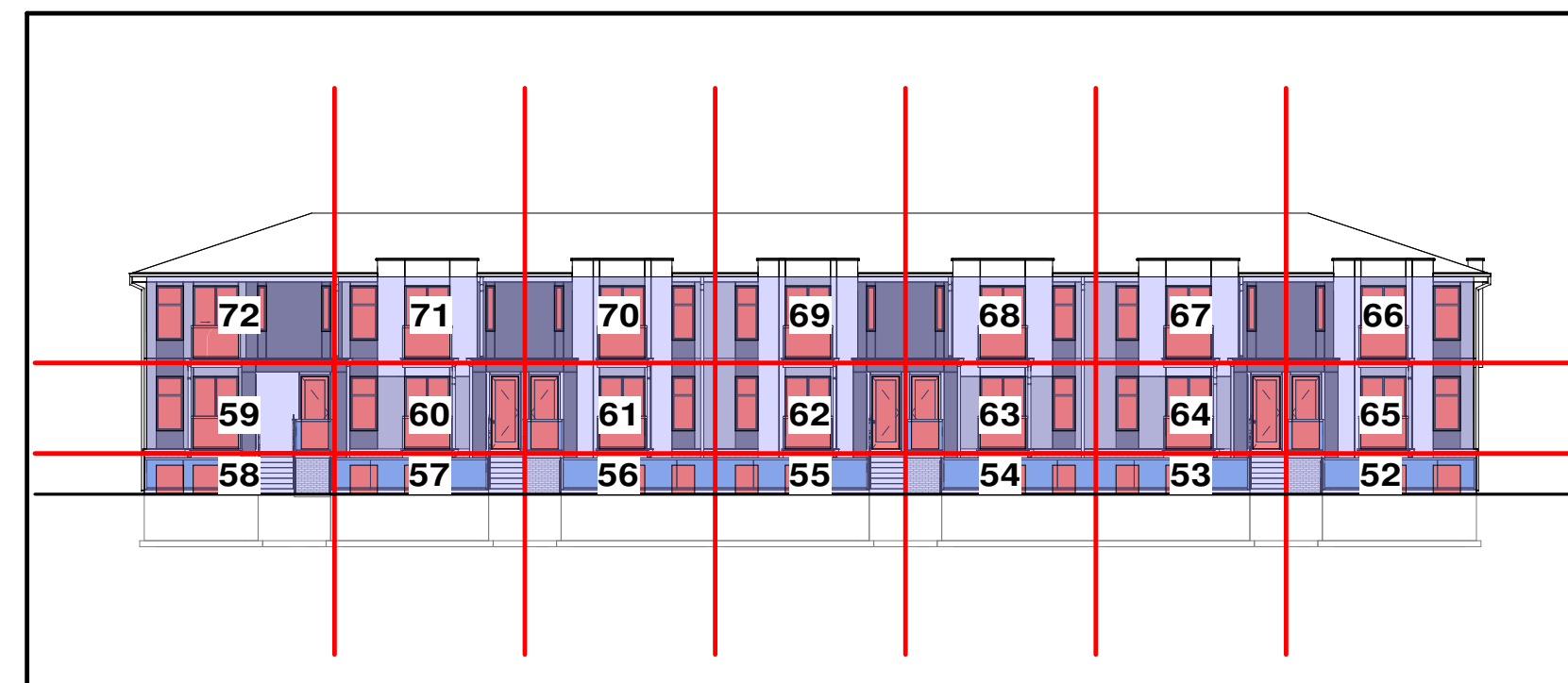
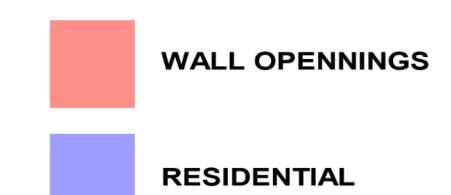
UNIT 52 TO 72

DRAWN BY: DR DATE:

CHECKED BY: SCALE: AS NOTED

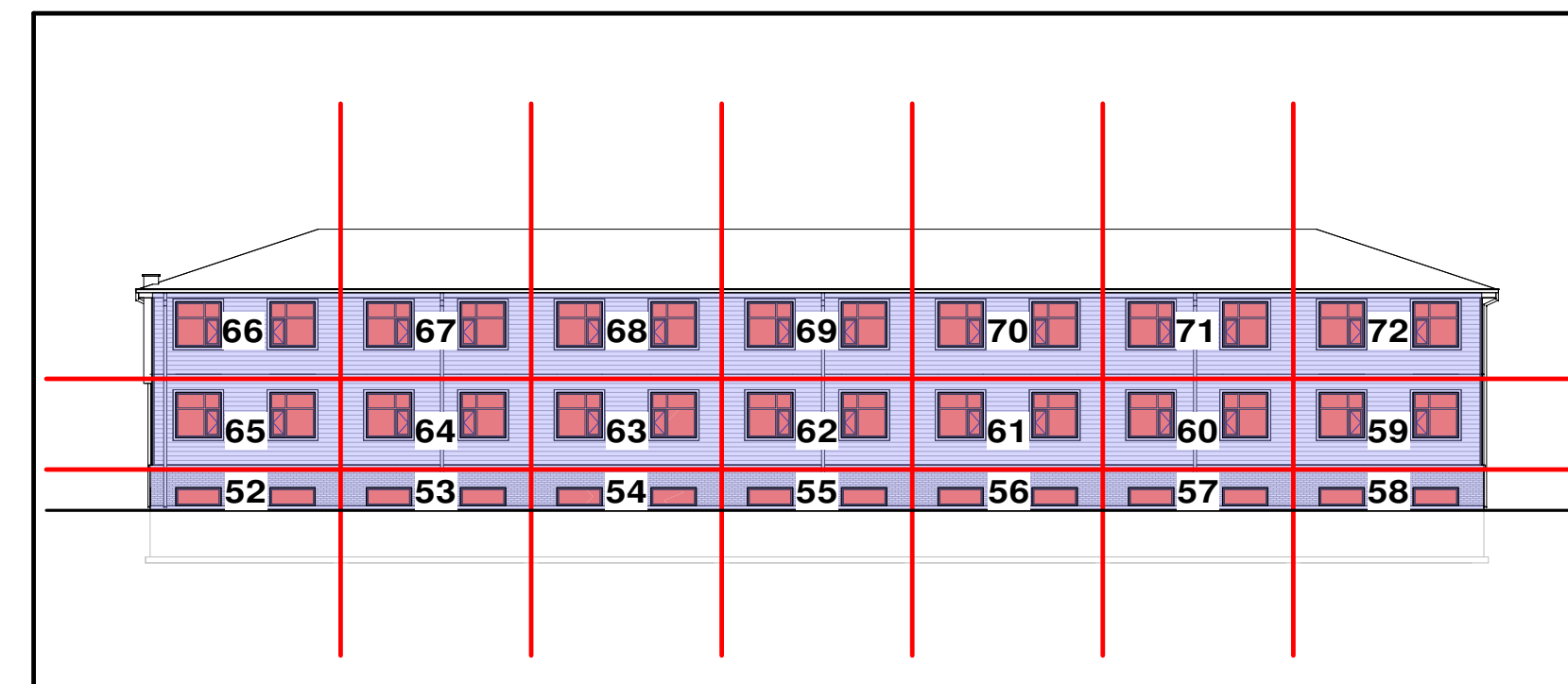
PROJECT NO.: DRAWING NO.:

**A-3.15**



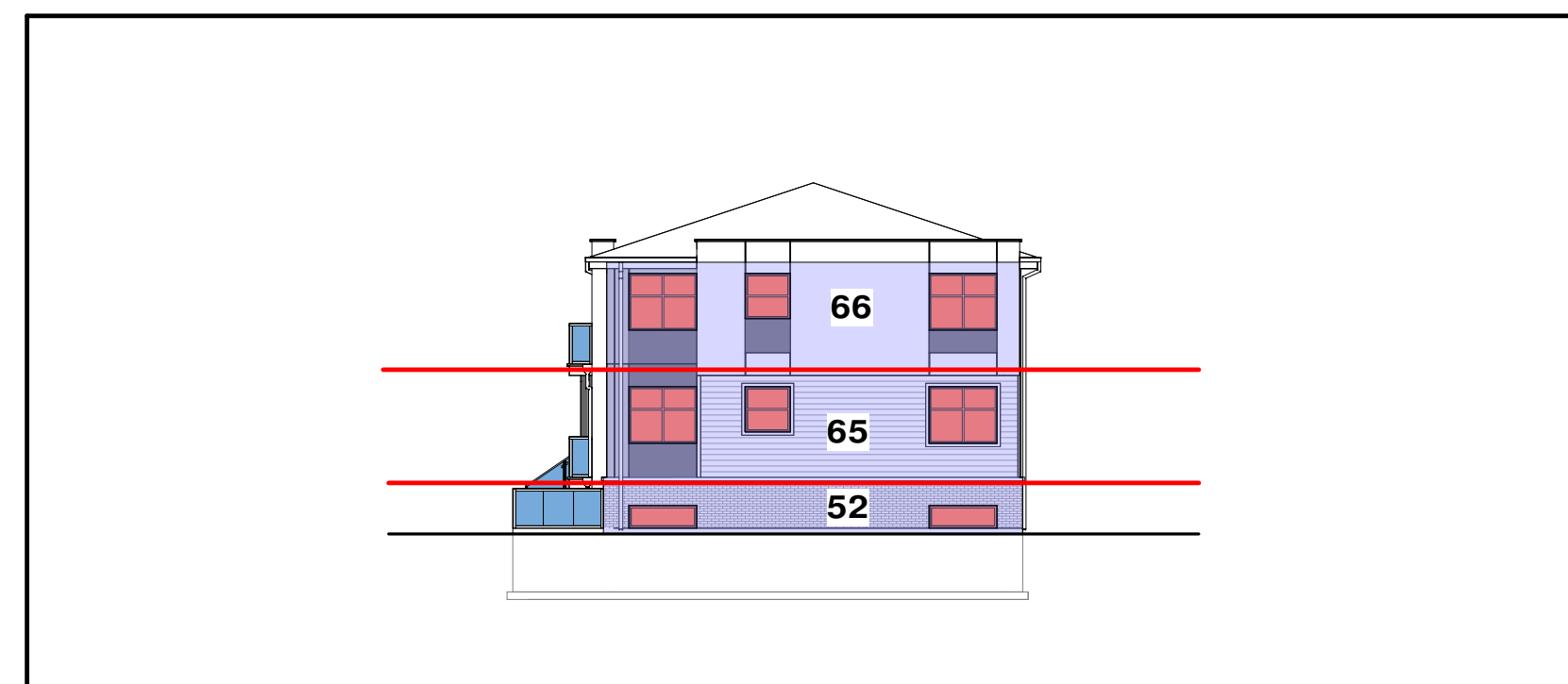
**EAST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
53	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
54	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
55	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
56	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.24 SQMT (25.51%)
57	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
58	08.78 SQMT	13.34 MT	08.78 SQMT (100%)	2.39 SQMT (27.22%)
59	19.25 SQMT	13.34 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
60	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.62 SQMT (39.06%)
61	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
62	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
63	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
64	19.51 SQMT	13.34 MT	19.51 SQMT (100%)	7.34 SQMT (37.62%)
65	19.25 SQMT	13.34 MT	19.25 SQMT (100%)	7.62 SQMT (39.58%)
66	18.28 SQMT	13.34 MT	18.28 SQMT (100%)	5.85 SQMT (32.00%)
67	18.53 SQMT	13.34 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
68	18.53 SQMT	13.34 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
69	18.53 SQMT	13.34 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
70	18.53 SQMT	13.34 MT	18.53 SQMT (100%)	5.57 SQMT (30.06%)
71	18.53 SQMT	13.34 MT	18.53 SQMT (100%)	5.85 SQMT (31.57%)
72	18.28 SQMT	13.34 MT	18.28 SQMT (100%)	6.32 SQMT (34.57%)



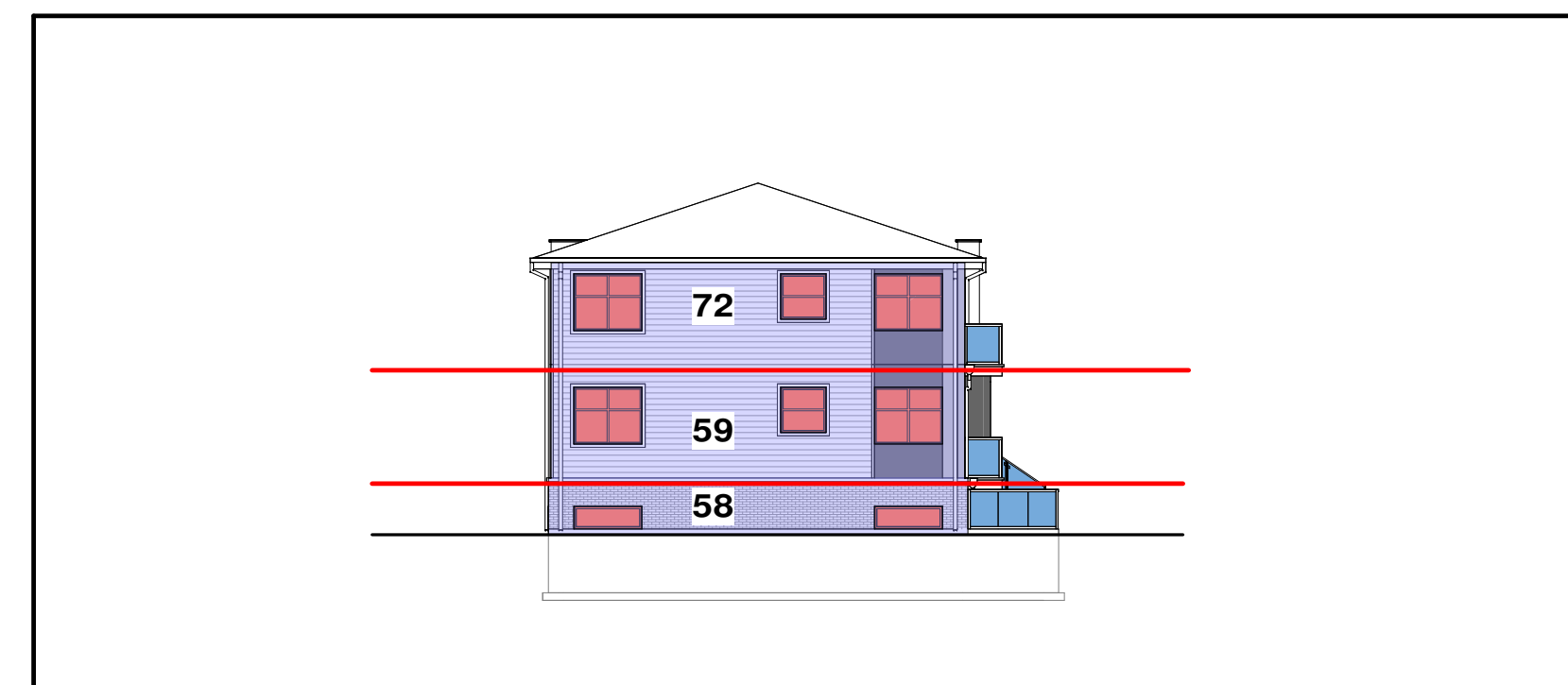
**WEST SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
53	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
54	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
55	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
56	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
57	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
58	08.78 SQMT	4.34 MT	08.47 SQMT (96.50%)	1.86 SQMT (21.18%)
59	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
60	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
61	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
62	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
63	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
64	19.51 SQMT	4.34 MT	11.49 SQMT (58.88%)	4.65 SQMT (23.83%)
65	19.29 SQMT	4.34 MT	11.36 SQMT (58.88%)	4.65 SQMT (24.11%)
66	18.31 SQMT	4.34 MT	10.78 SQMT (58.88%)	4.65 SQMT (25.40%)
67	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
68	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
69	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
70	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
71	18.53 SQMT	4.34 MT	10.91 SQMT (58.88%)	4.65 SQMT (25.09%)
72	18.31 SQMT	4.34 MT	10.78 SQMT (58.88%)	4.65 SQMT (25.40%)



**NORTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
52	15.47 SQMT	22.72 MT	15.47 SQMT (100%)	2.23 SQMT (14.41%)
65	33.90 SQMT	22.72 MT	33.90 SQMT (100%)	7.06 SQMT (20.83%)
66	32.18 SQMT	22.72 MT	32.18 SQMT (100%)	7.06 SQMT (21.94%)



**SOUTH SIDE OPENING CALCULATION**

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
58	15.47 SQMT	3.00 MT	5.72 SQMT (37.00%)	2.23 SQMT (14.41%)
59	33.90 SQMT	3.00 MT	7.29 SQMT (21.50%)	7.06 SQMT (20.83%)
72	32.18 SQMT	3.00 MT	7.28 SQMT (22.62%)	7.06 SQMT (21.94%)





1 EAST ELEVATION  
1:75



2 WEST ELEVATION  
1:75

PRIMARY CONSULTANT & PROJECT MANAGER

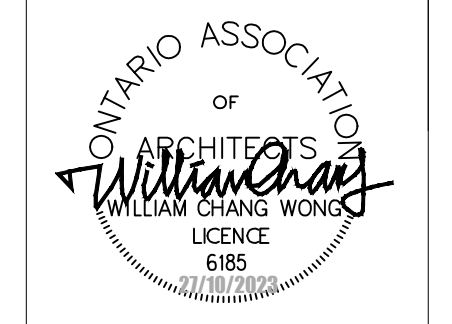
**RPDS**  
INTEGRATED DESIGN FIRM  
SUITE 203, 7835 TRAMMERE DR., MISSISSAUGA, ON L5S 1V9  
MAIL: PROJECT@RPDSTUDIO.CA, CALL: 647-556-2596  
WEBSITE: WWW.RPDSTUDIO.CA

ELECTRICAL CONSULTANT

CONSULTING CIVIL ENGINEERS

**J.H. COHOON ENGINEERING LIMITED**  
CONSULTING ENGINEERS  
440 HARDY ROAD, UNIT #1, BRANTFORD - ONTARIO, N3T 5L8  
TEL: (519) 753-2656 FAX: (519) 753-6263 www.cohooneg.com

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5858 DUNN STREET,  
NIAGARA FALLS, ON L2G 2P1  
CANADA

DRAWING TITLE:  
**ELEVATIONS  
BLOCK-D  
(TWO STOREY)**  
UNIT 52 TO 72

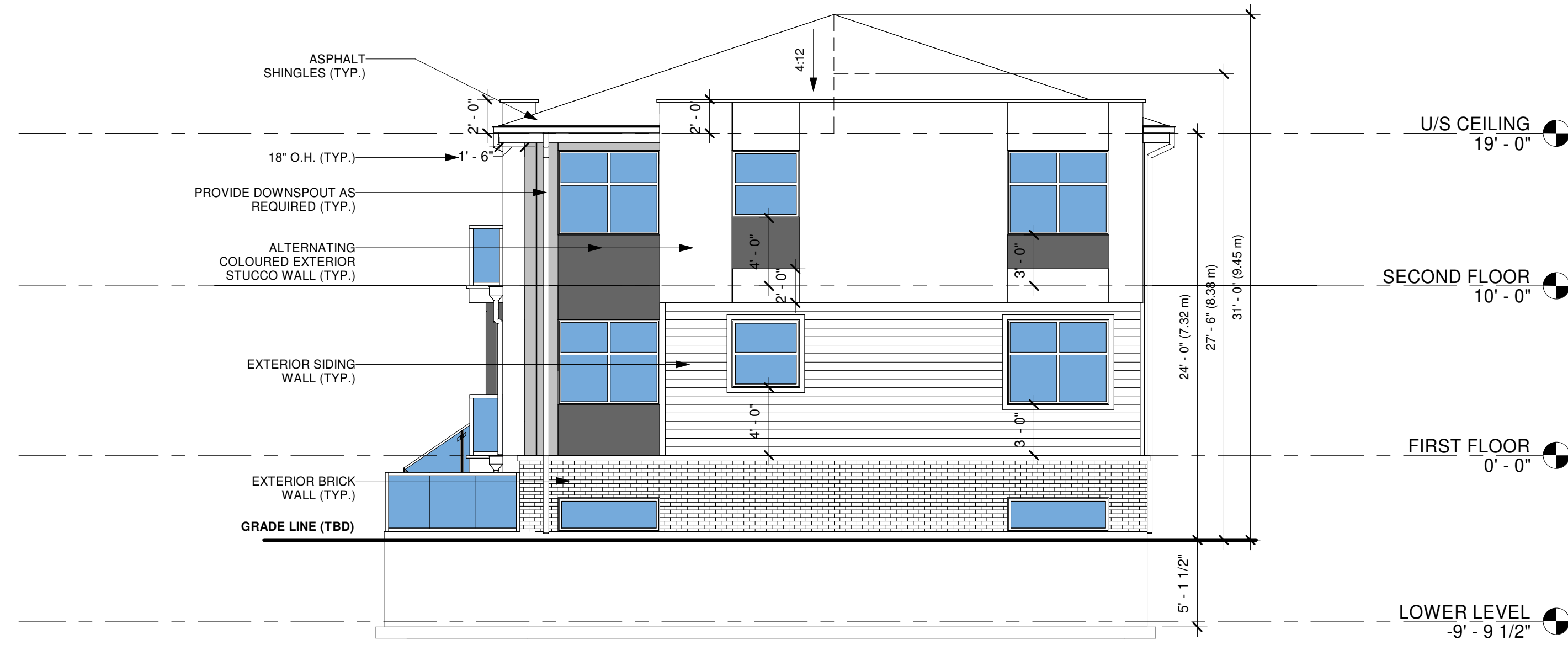
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PROJECT NO.: DRAWING NO.:

**A-3.16**

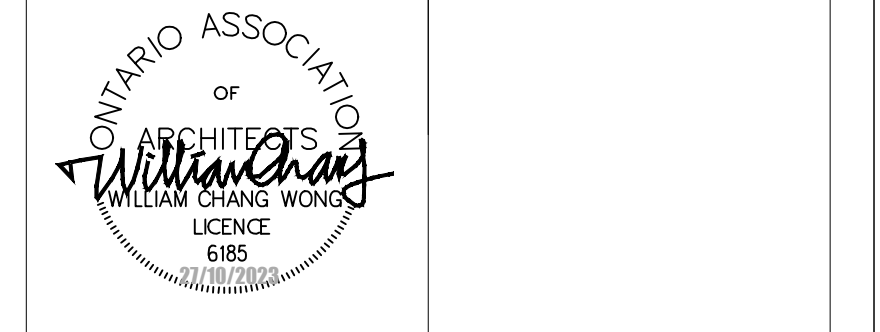
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① NORTH ELEVATION  
 1:75



② SOUTH ELEVATION  
 1:75



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 DEVELOPMENT**  
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 CANADA

DRAWING TITLE:  
**ELEVATIONS  
 BLOCK-D  
 (TWO STOREY)**  
 UNIT 52 TO 72

DRAWN BY: DR DATE:  
 CHECKED BY: SCALE: AS NOTED  
 PROJECT NO.: DRAWING NO.:  
**A-3.17**