

FORESTSIDE TOWNHOUSES

TORONTO, ONTARIO

Project
Number : #19066

Issued for : ISSUED FOR SITE INSTRUCTION # 8

Issued date : DECEMBER 13, 2021



**JABLONSKY, AST
AND PARTNERS**
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LIST OF STRUCTURAL DRAWINGS

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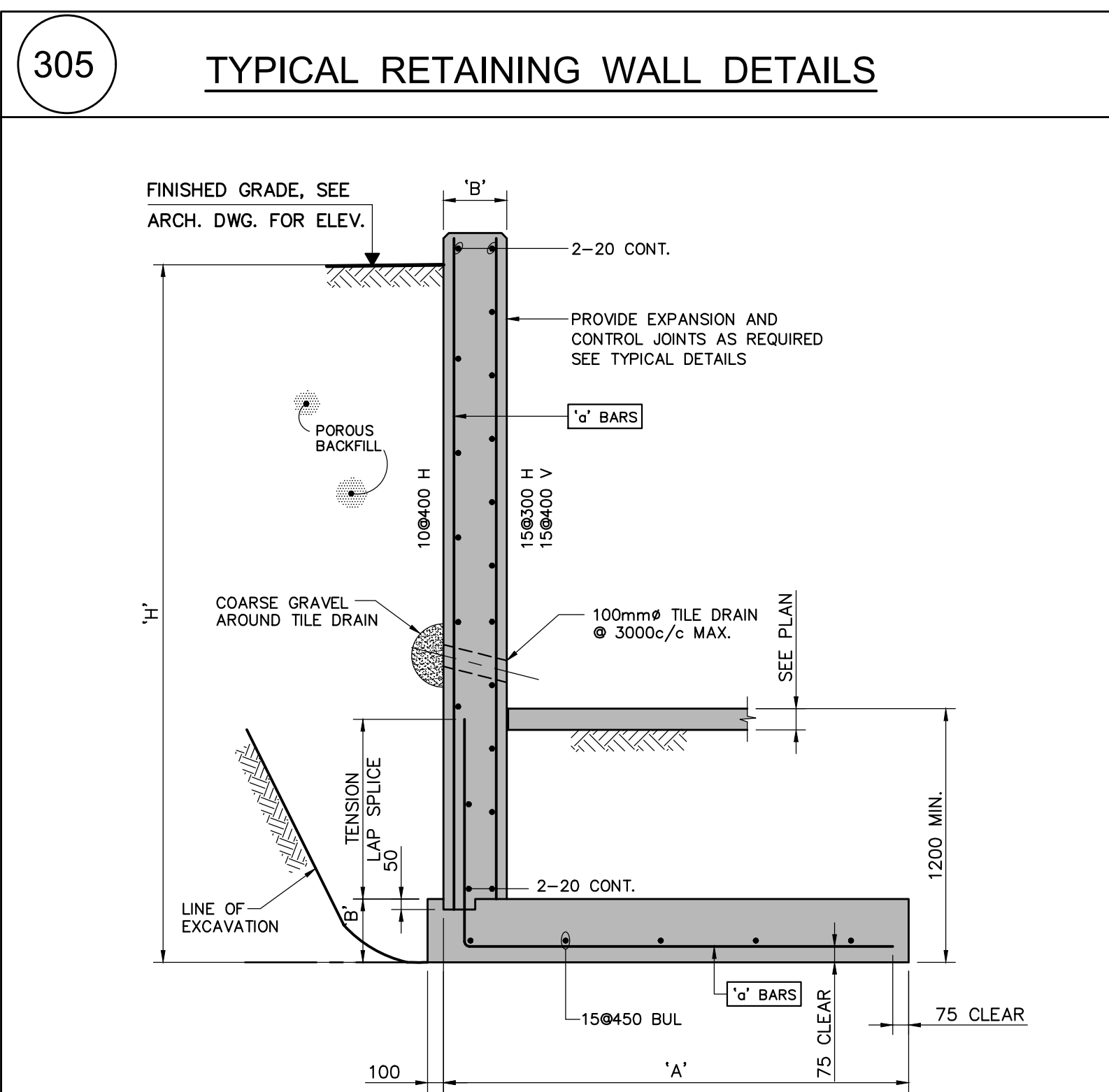
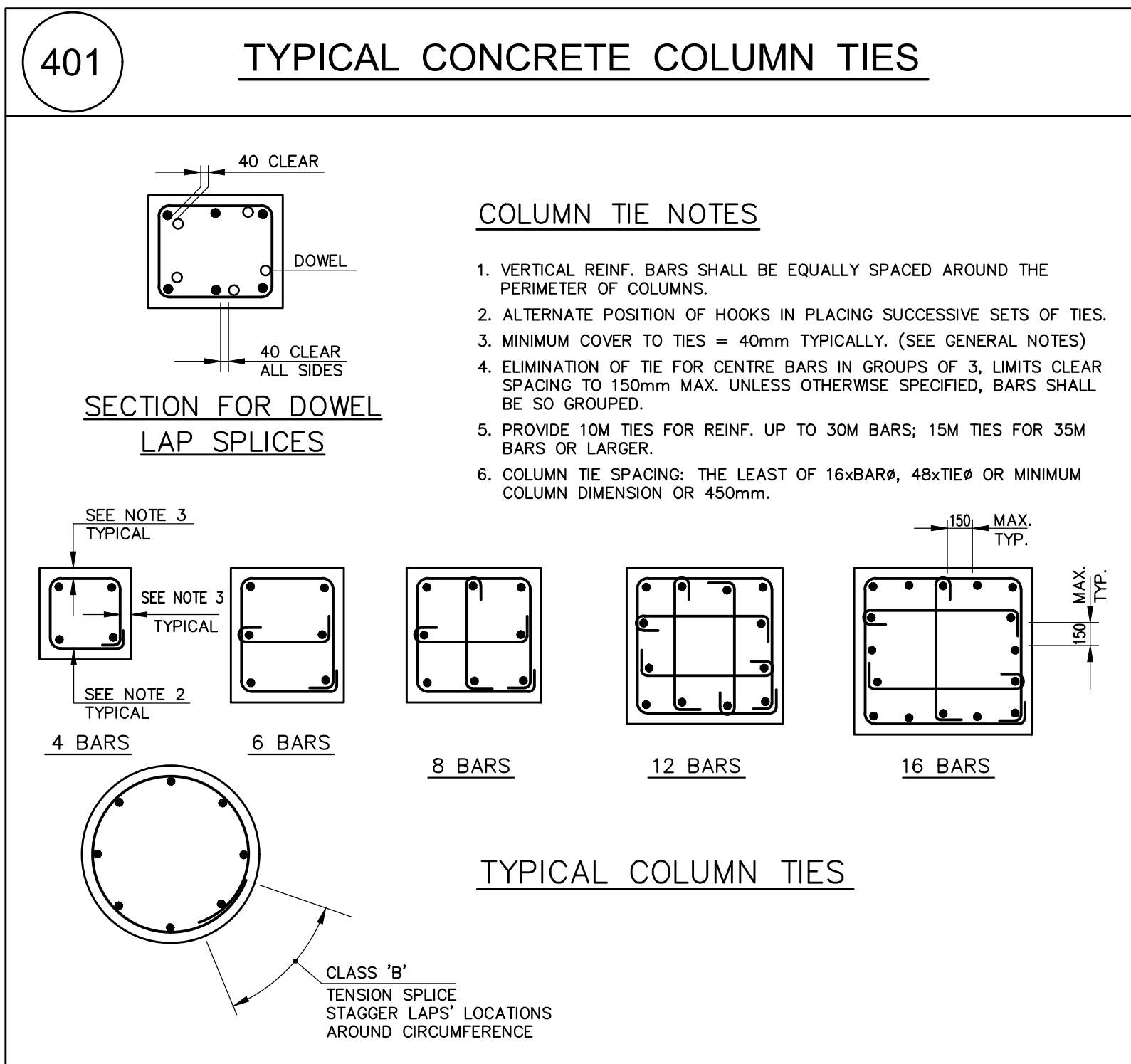
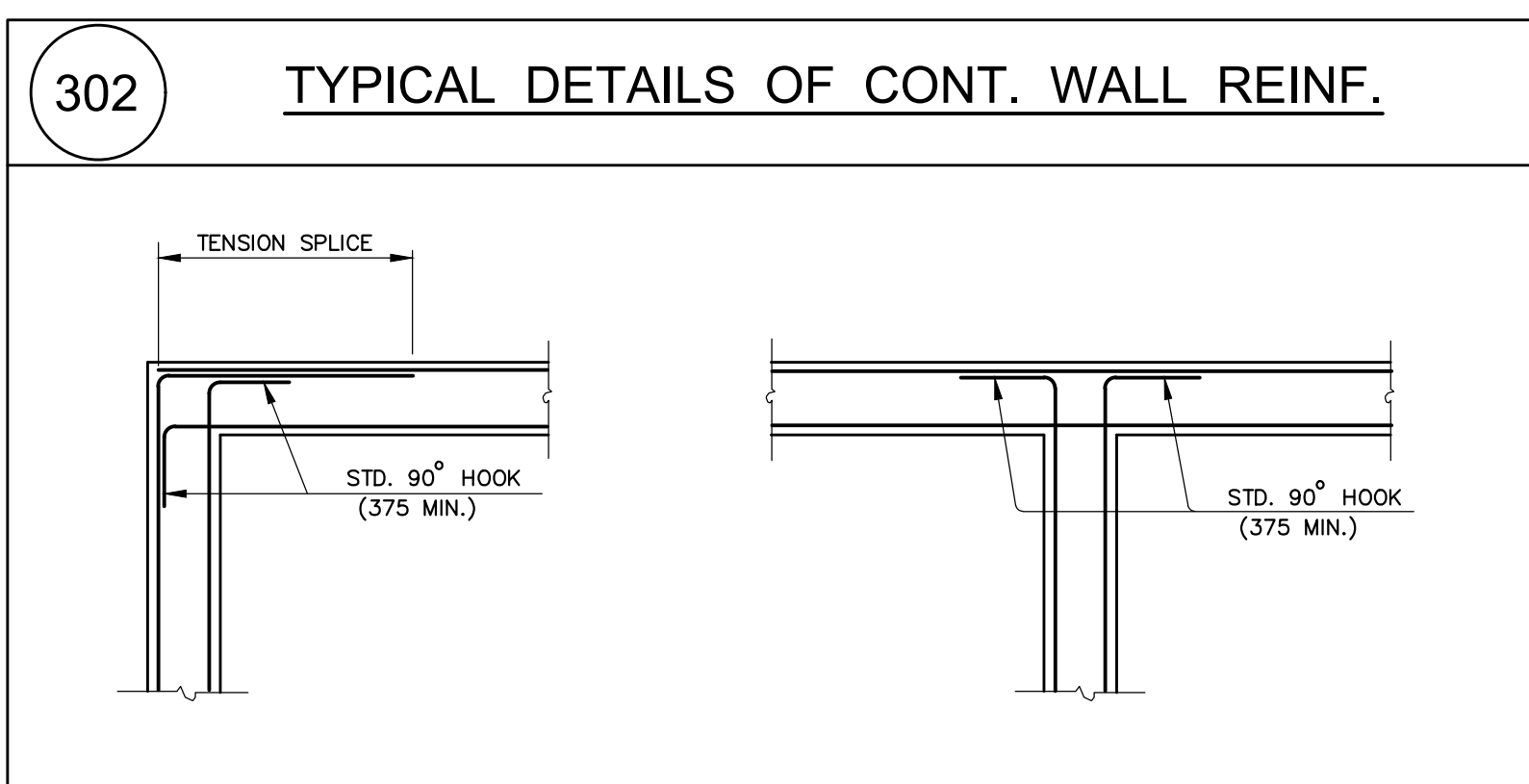
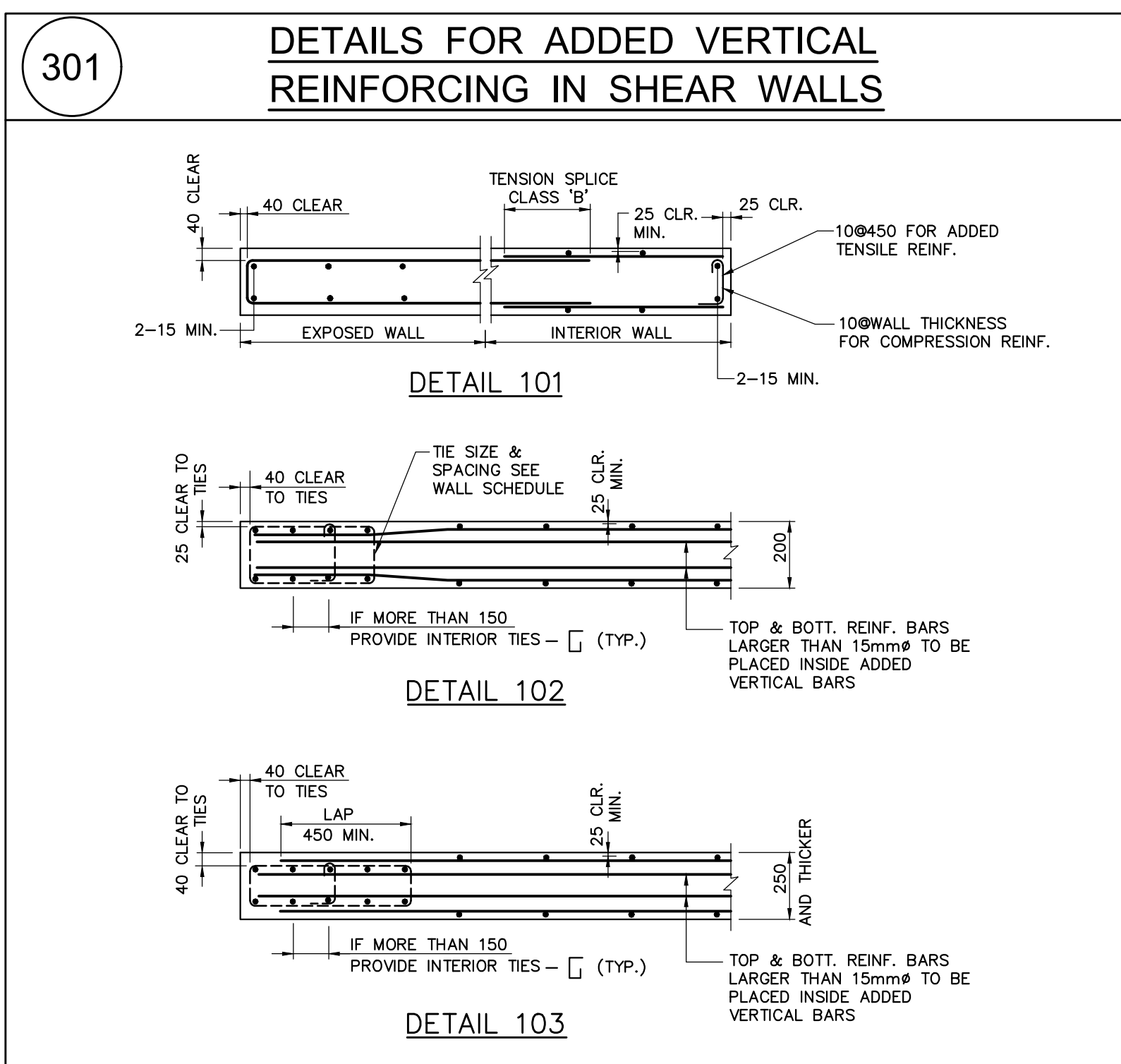
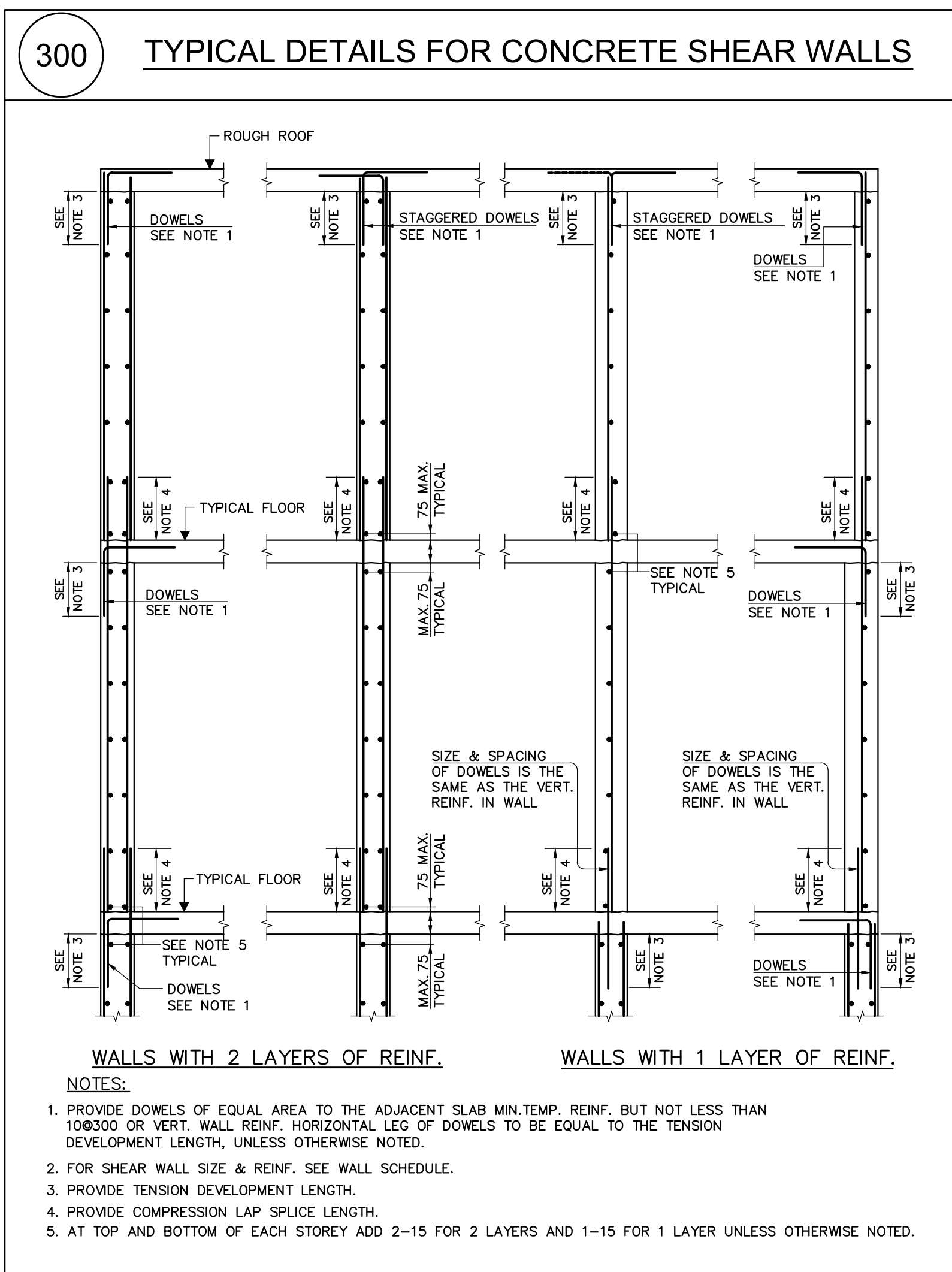
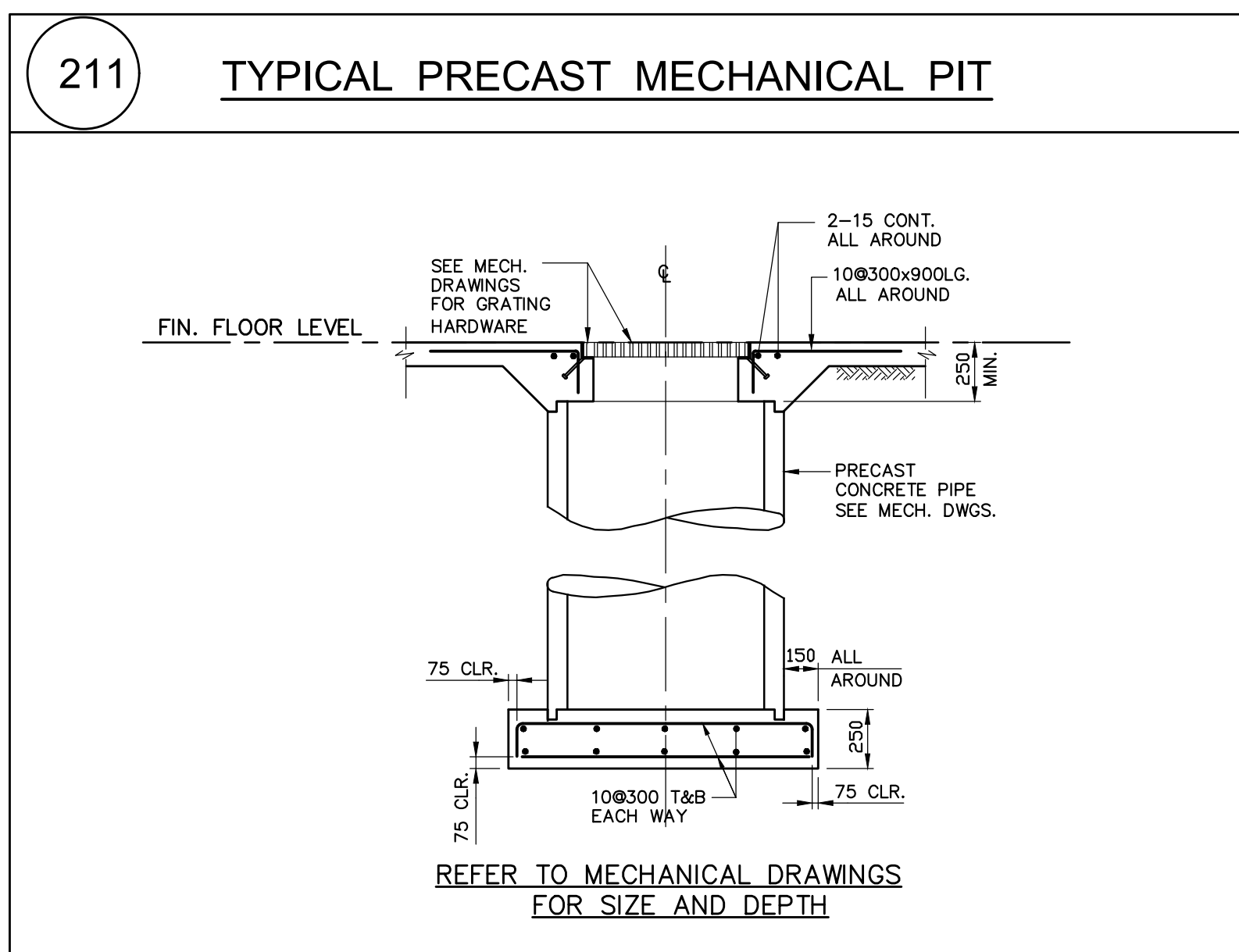
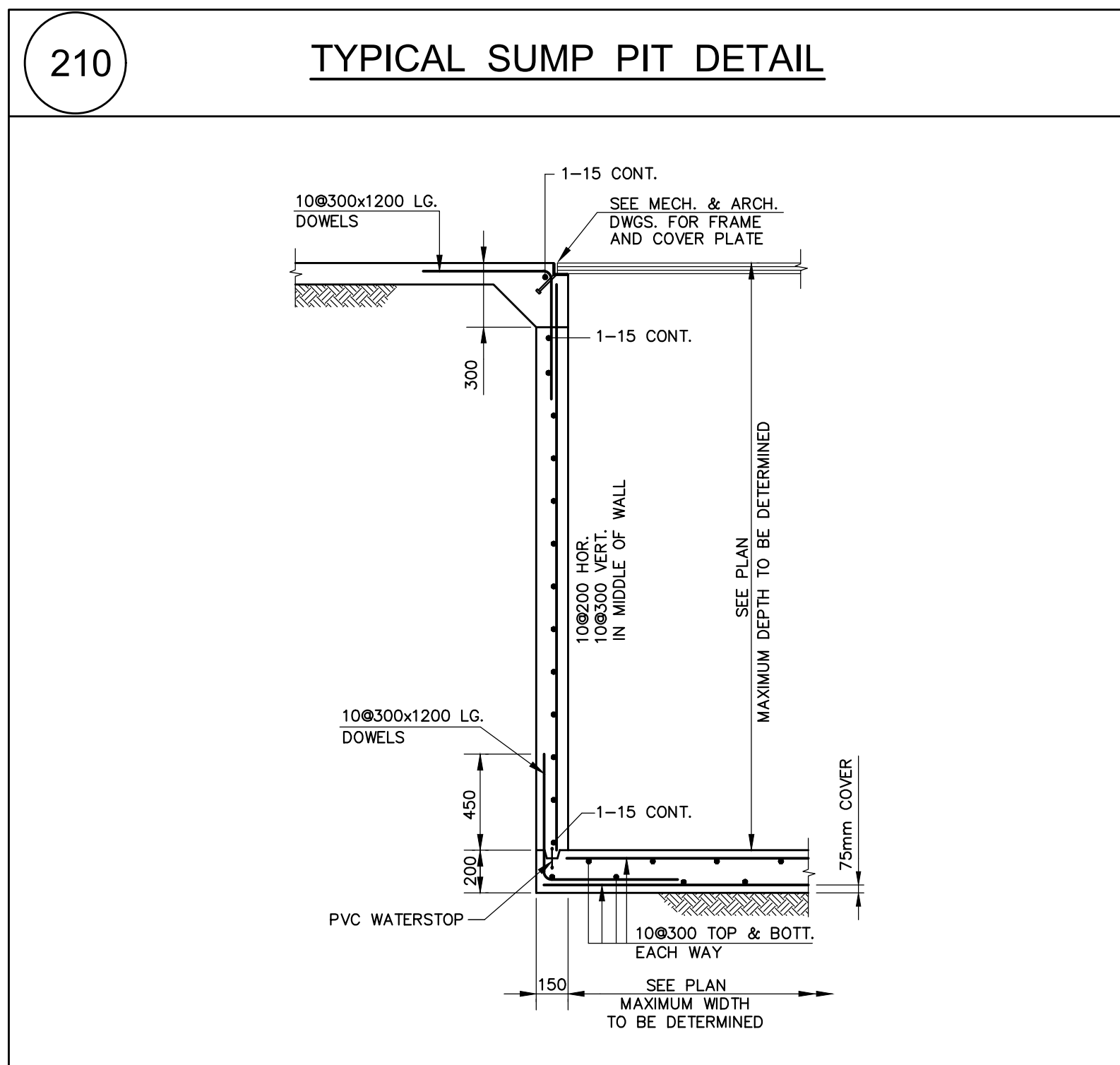
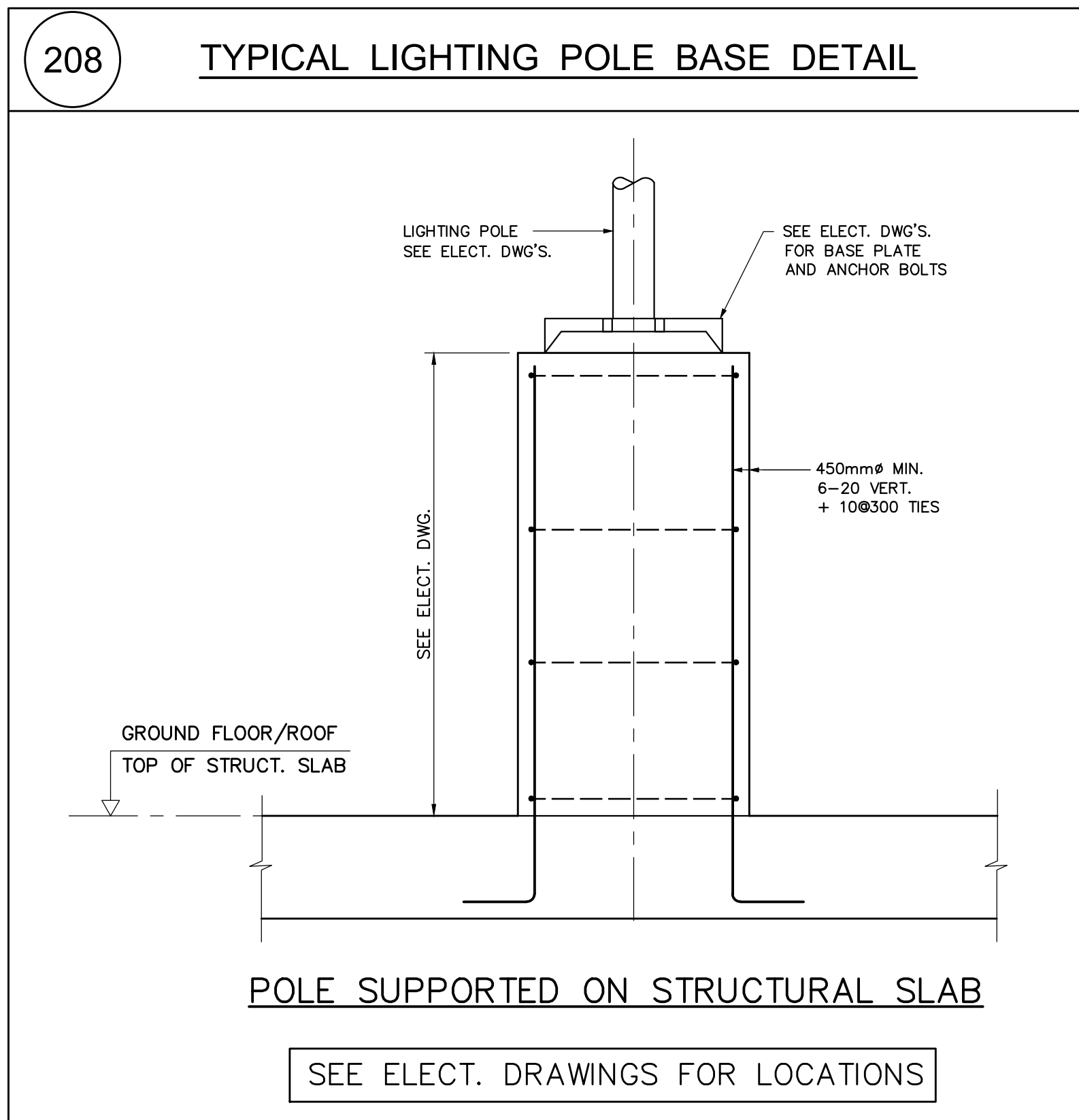
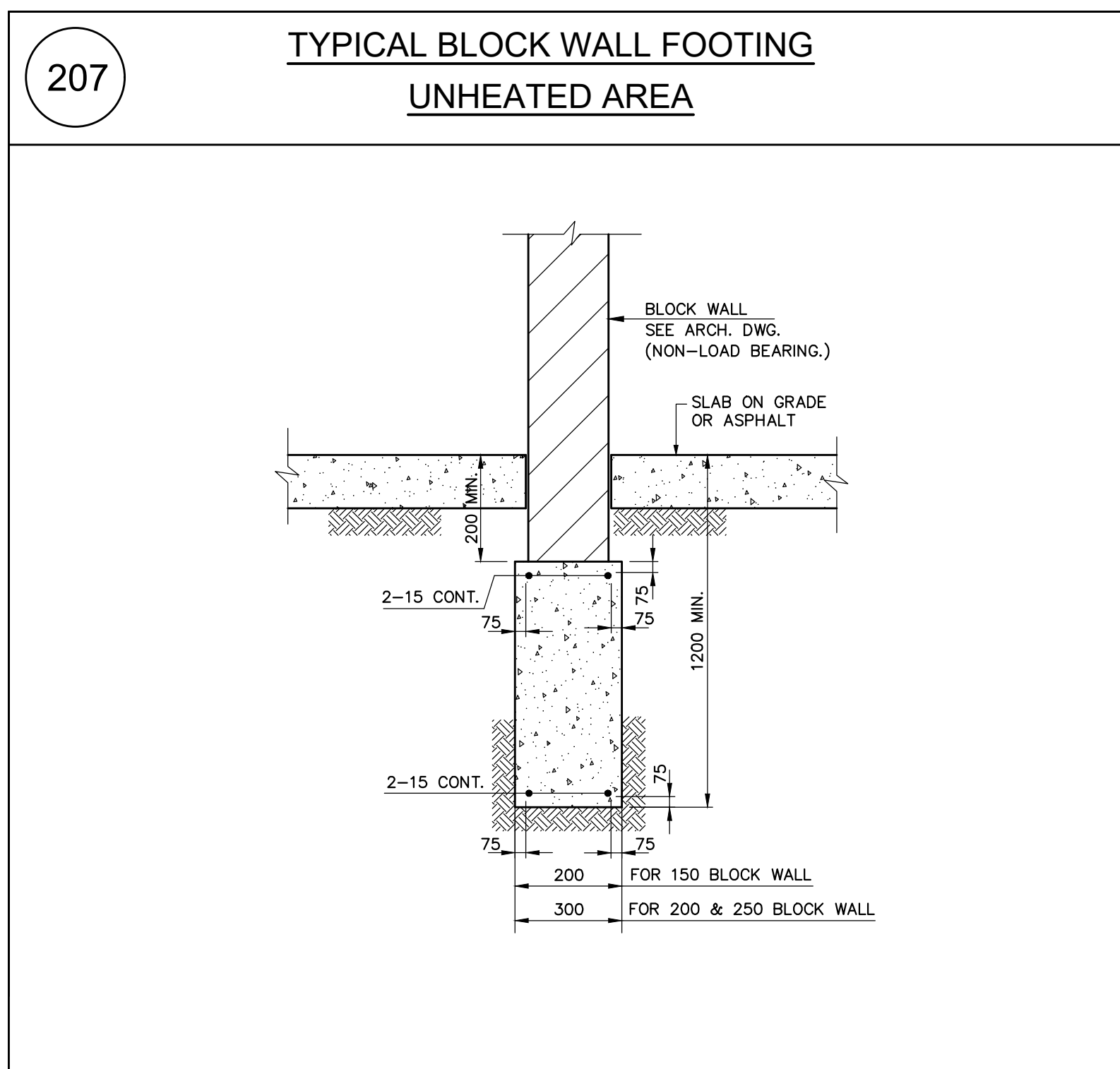
COLUMN AND WALL SCHEDULE NOTES:

- COLUMN SIZE GIVEN FIRST IN THE SCHEDULE IS IN THE EAST-NORTH DIRECTION.
- COLUMN LOADS ARE GIVEN IN SPECIFIED KILONEWTONS.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE AS SPECIFIED IN SCHEDULE.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- PROVIDE TENSION LAP SPICE (CLASS 'B') FOR ALL VERTICAL BARS MARKED THUS: Φ IN SCHEDULE.
- PROVIDE COLUMN TIES IN WALLS THAT HAVE VERTICAL REINFORCING STEEL OF SIZE 20 OR GREATER.
- UNLESS OTHERWISE NOTED IN SCHEDULE, PROVIDE REINFORCING & DOWELS AS PER TABLE 2 FOR ALL WALLS.
- H.E.F. – DENOTES HORIZONTAL EACH FACE
V.E.F. – DENOTES VERTICAL EACH FACE
V.E.E. – DENOTES VERTICAL EACH END
V.L.E. – DENOTES VERTICAL NORTH END
V.S.E. – DENOTES VERTICAL SOUTH END
- REFER TO MECHANICAL DWGS. FOR MECHANICAL WALL OPENINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR WALL LENGTHS.
- REFER TO TYPICAL DETAILS ON DRAWINGS S-002 TO S-00X.
- REFER TO GENERAL NOTES ON DRAWING S-001.
- UNLESS NOTED OTHERWISE, PROVIDE COLUMN OR WALL DOWELS TO MATCH VERTICAL REINFORCING GIVEN IN SCHEDULE. PROVIDE LAP SPICES AND DEVELOPMENT LENGTHS AS PER TABLE 3.
- CONCRETE EXPOSED TO VEHICULAR TRAFFIC SHALL HAVE 6% TO 8% EXTRACTED AIR AND SHALL BE PROPORTIONED FOR C-1 EXPOSURE CONDITIONS.

WALL THICKNESS	DIRECTION	WALL EXPOSED OR ENCLOSED BOTH SIDES	WALL EXPOSED ONE SIDE	WALL EXPOSED ONE SIDE
150mm	HORIZ.	10 Φ 270 (1 LAYER)	10 Φ 270 (1 LAYER)	
	VERT.	10 Φ 270 (1 LAYER)	10 Φ 270 (1 LAYER)	
200mm	HORIZ.	10 Φ 400 EA. FACE	10 Φ 300	10 Φ 450
	VERT.	10 Φ 400 EA. FACE	10 Φ 300	10 Φ 450
250mm	HORIZ.	15 Φ 400 EA. FACE	10 Φ 240	10 Φ 450
	VERT.	10 Φ 350 EA. FACE	10 Φ 240	10 Φ 450
300mm	HORIZ.	10 Φ 270 EA. FACE	10 Φ 200	10 Φ 400
	VERT.	15 Φ 450 EA. FACE	15 Φ 340	15 Φ 450
350mm	HORIZ.	15 Φ 400 EA. FACE	15 Φ 300	15 Φ 450
	VERT.	15 Φ 400 EA. FACE	15 Φ 300	15 Φ 450
400mm	HORIZ.	15 Φ 350 EA. FACE	15 Φ 260	15 Φ 450
	VERT.	15 Φ 350 EA. FACE	15 Φ 260	15 Φ 450

NOTE: SIZE AND SPACING OF DOWELS TO BE SAME AS VERTICAL REINF. IN WALL

LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS									
DATA	BAR SIZE	10	15	20	25	30	35		
TENSION $f_c = 4000 \text{ MPa}$ $f_y = 420 \text{ MPa}$ $f_y = 420 \text{ MPa}$	LAP SPICE	550	820	1090	1360	1630	1900	2170	
	DEVELOPMENT	420	630	840	1050	1260	1470	1680	
	COMPRESSION	LAP SPICE	300	450	590	730	870	1010	1150
TENSION $f_c = 4000 \text{ MPa}$ $f_y = 420 \text{ MPa}$ $f_y = 420 \text{ MPa}$	LAP SPICE	480	740	880	1020	1160	1300		
	DEVELOPMENT	380	570	720	870	1020	1170		
	COMPRESSION	LAP SPICE	300	450	590	730	870	1010	1150
TENSION $f_c = 4000 \text{ MPa}$ $f_y = 420 \text{ MPa}$ $f_y = 420 \text{ MPa}$	LAP SPICE	450	670	800	930	1060	1190		
	DEVELOPMENT	350	520	630	740	850	960		
	COMPRESSION	LAP SPICE	300	450	590	730	870	1010	1150
TENSION $f_c = 4000 \text{ MPa}$ $f_y = 420 \text{ MPa}$ $f_y = 420 \text{ MPa}$	LAP SPICE	420	630	830	1030	1230	1430		
	DEVELOPMENT	320	480	640	800	960	1120	1280	
	COMPRESSION	LAP SPICE	300	450	590	730	870	1010	1150
TENSION $f_c = 4000 \text{ MPa}$ $f_y = 420 \text{ MPa}$ $f_y = 420 \text{ MPa}$	LAP SPICE	380	570	720	870	1020	1170		
	DEVELOPMENT	280	420	540	660	780	900		
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	COMPRESSION	LAP SPICE	300	45					

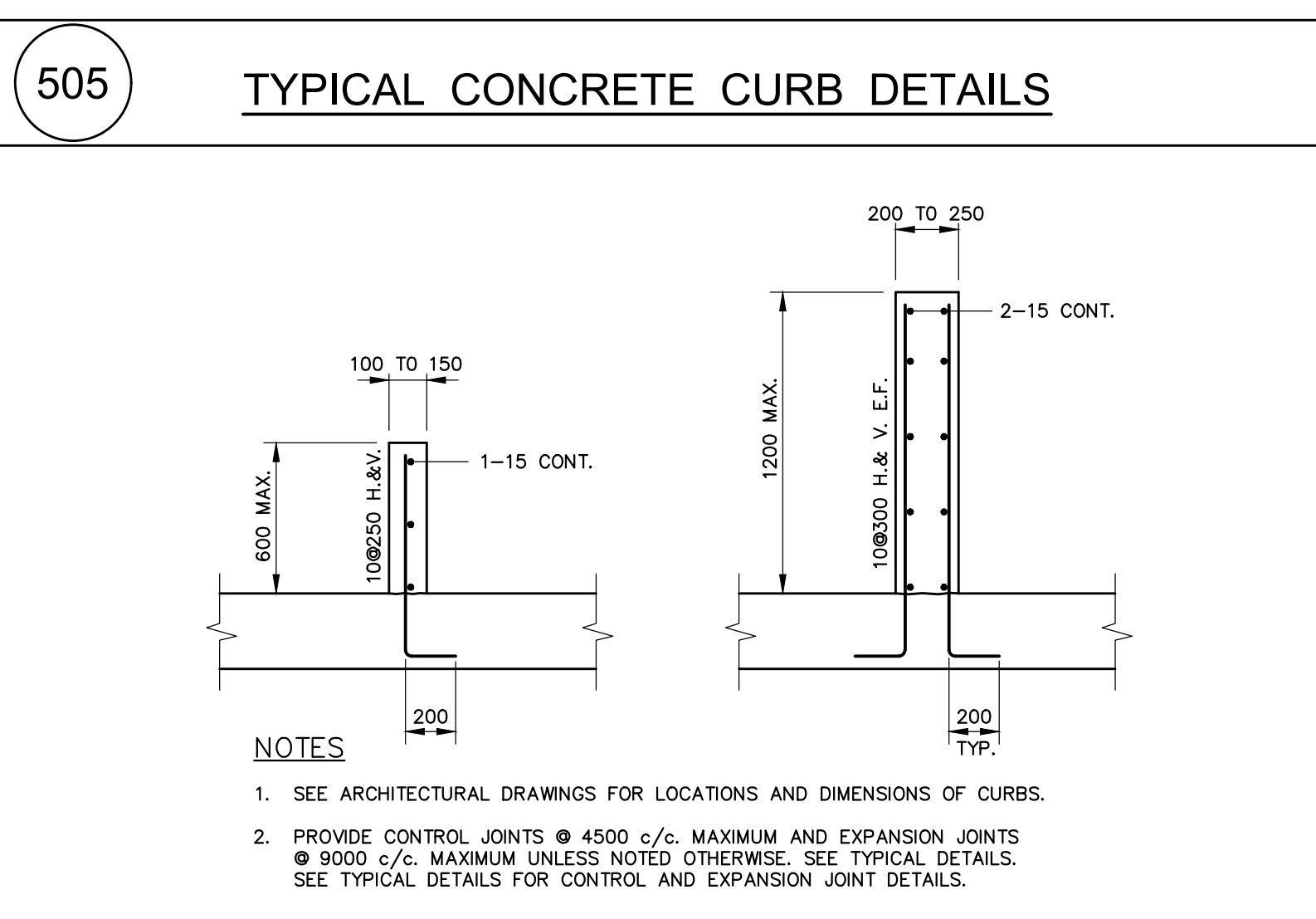
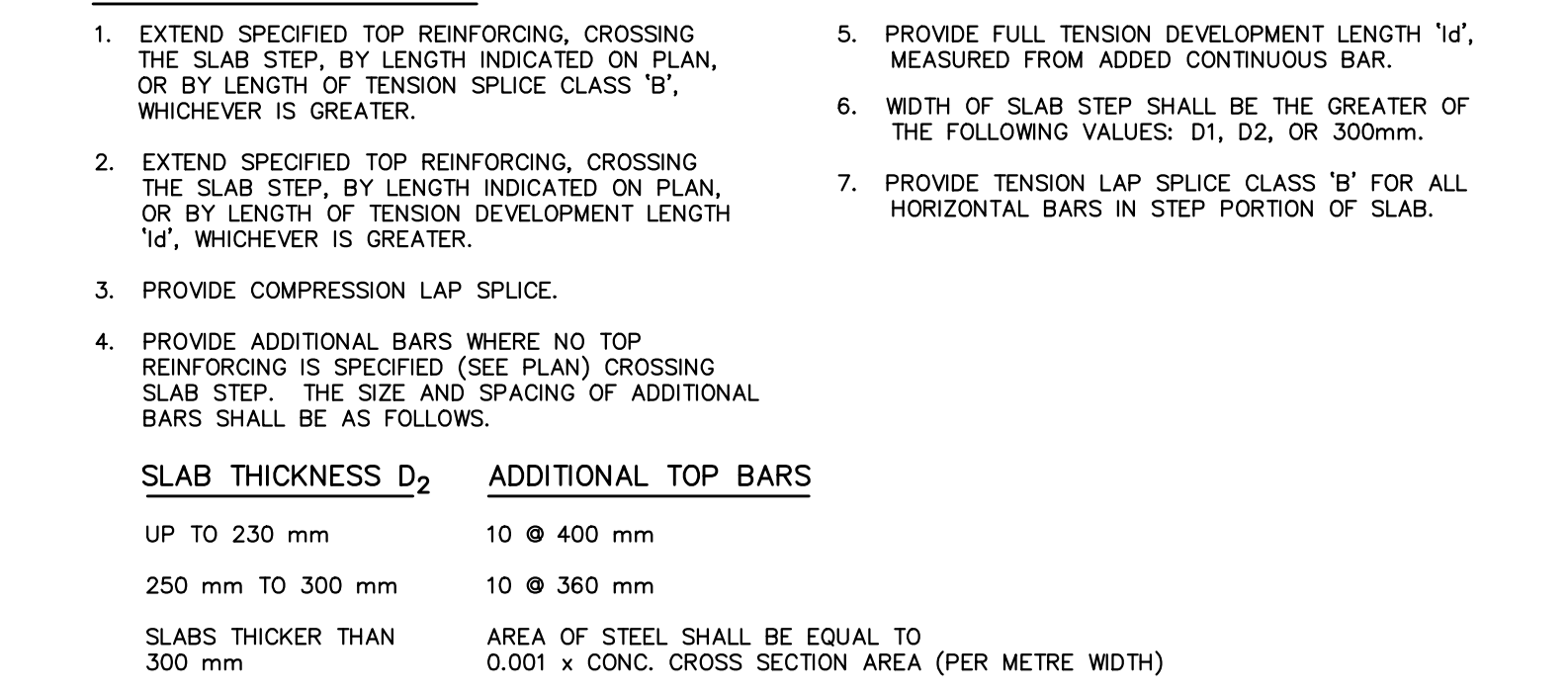
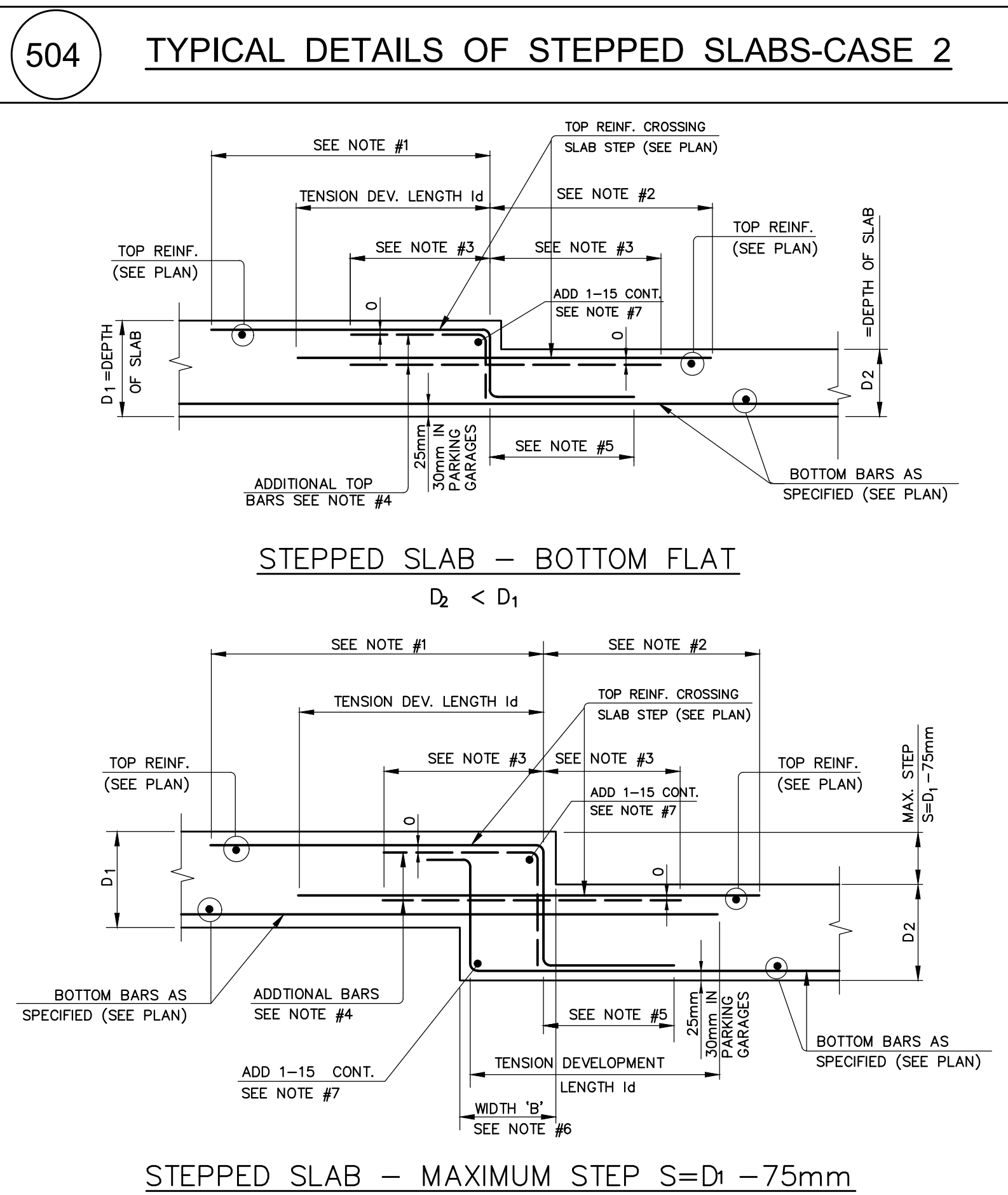
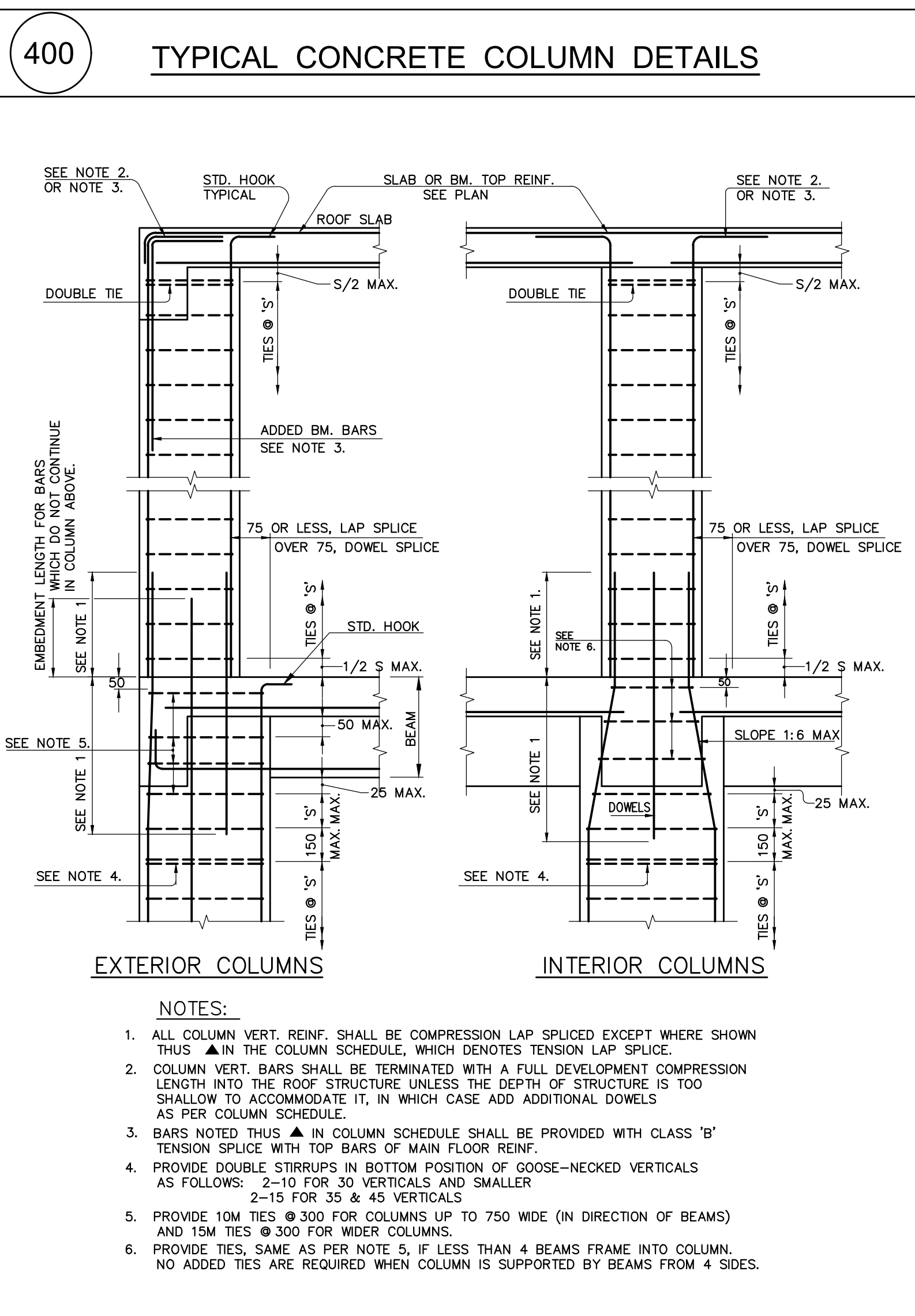
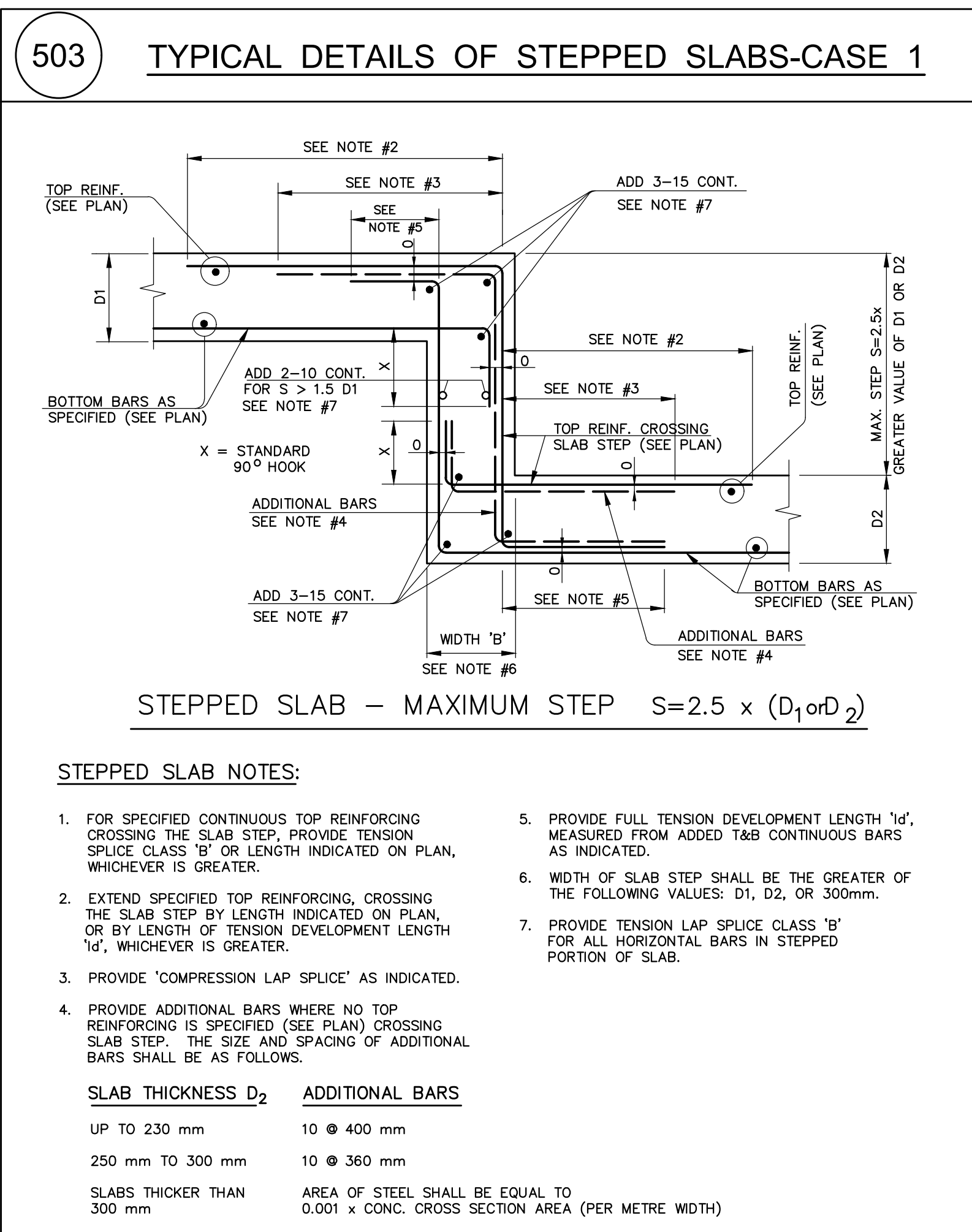
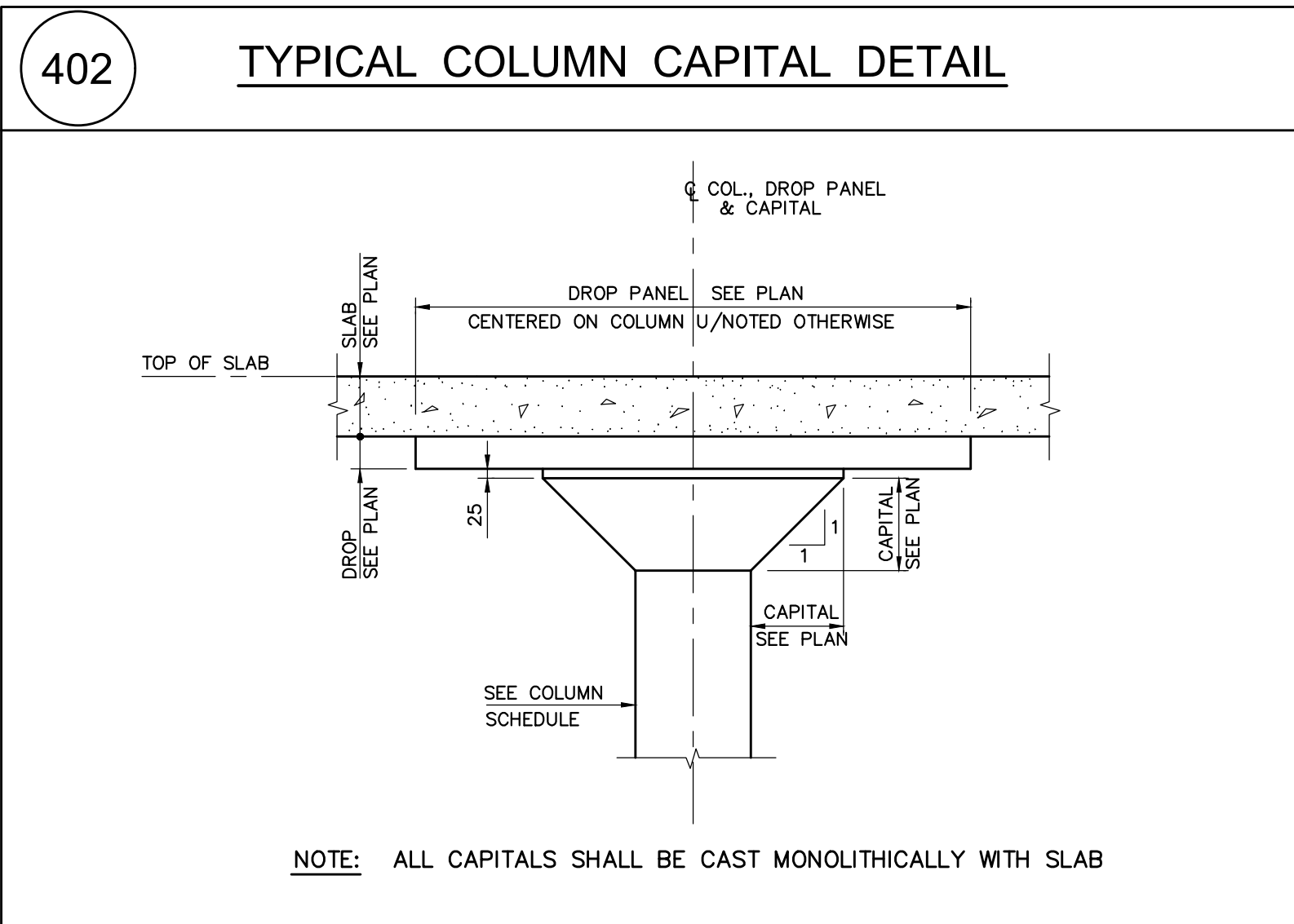


TYPICAL RETAINING WALL SECTION

RETAINING WALL NOTES :

1. CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa.
EXPOSURE CLASS 'C1' CONTAINING 7% ±11% ENTRAINED AIR.
2. MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
3. MINIMUM DESIGNED SOIL BEARING CAPACITY IS 150 KN PER SQUARE METER. FOOTING SHALL BEAR ON UNDISTURBED SOIL (AT THE ELEVATION SHOWN ON SECTION) CAPABLE OF SAFELY SUSTAINING 150 kPa. IF THE ALLOWABLE BEARING CAPACITY AT THE FOUNDING ELEVATION IS LESS THAN THE SPECIFIED BEARING CAPACITY, PROVIDE DEEPER EXCAVATION AND BACKFILL TO ELEVATION SHOWN ON THE UNDERSOIL CONSIDERED FOR FILL OR LEAN CONCRETE MIX ($f_c = 5 \text{ MPa}$) TO THE BOTTOM OF FOOTING.

'H'	'A'	'B'	'B' BARS	REMARKS
1800	950	250	158400	
2100	1200	250	158400	
2400	1450	250	158400	
2700	1650	250	158350	
3000	1900	300	208450	
3300	2200	300	208350	
3600	2500	350	208250	
3900	2750	400	208300	
4200	3000	400	208350	
4500	3100	400	208300	
4800	3300	400	208350	
5100	3500	400	208300	
5400	3700	400	208280	
5700	3900	400	208250	



ISSUES		
No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2020-09-28	ISSUED FOR PERMIT
3.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
4.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
5.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
6.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
7.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

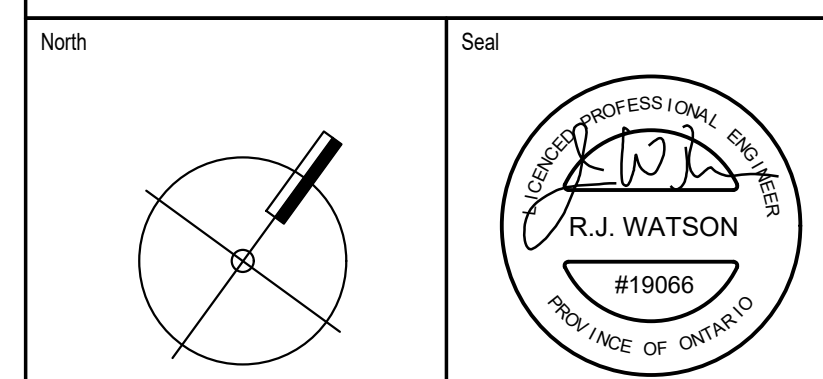
No.	DATE	DESCRIPTION
REVISIONS CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK. PRINTS ARE NOT TO BE SCALED.		



Job Title
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title

TYPICAL DETAILS



Date Plotted	Date :
	Sep 27 2021
Drawn By :	Scale :
ND	N.T.S.
Checked By :	Revision Number:
JW	
Job No :	Sheet No:
19066	S-002

Figure 1: Typical Reinforcement Details for Slab-on-Ground. The figure consists of six detailed cross-sections of a slab-on-ground, labeled A through F. Each detail shows the reinforcement layout for different slab configurations and loading conditions. Details A and B show slabs with 2-15 #10 top bars and 10#4 or 10#6 bottom bars. Details C and D show slabs with 2-15 #10 top bars and 10#4 or 10#6 bottom bars, with varying clearances and reinforcement spacing. Details E and F show slabs with 2-15 #10 top bars and 10#4 or 10#6 bottom bars, with varying clearances and reinforcement spacing. The details include dimensions for clearances, bar spacing, and reinforcement quantities. Notes specify that reinforcement should be provided unless otherwise noted, and that the slab should be at least 1 1/2 inches thick. The details are labeled with 'NON. CONT. END' and 'CONT. END' to indicate the direction of the slab.

[illegible]

SEE SHOP DRAWINGS FOR SIZE & DETAILS

SEE ARCH. DWG.

SEE ARCH. DWG.

10mm TIES

8-15 DOWELS

2-15 x 2000 L.G.

270 TYP.

ROOF DATUM FOR SLOPES SEE ARCH. DWG.

SEE PLAN

SEE ARCH. DWG.

SEE SHOP DRAWINGS FOR SIZE & DETAILS

ADD 1-15 V.E.F. EA. SIDE OF ANCHOR

600

270 TYP.

TYPICAL WINDOW WASHING ANCHOR DETAIL

FOR LOCATIONS REFER TO SHOP DRAWINGS.

Diagram 1: COLUMN STRIP WITHOUT DROP PANELS ($L_c > L_1$)

Reinforcement details for a column strip without drop panels where the clear span L_c is greater than the adjacent span L_1 . The diagram shows top bars with a hook for 50% of the bottom reinforcement. The development length L_d is specified for the top bars. The column strip width is L_c , and the adjacent span width is L_1 . The reinforcement is provided in the column strip and the adjacent span.

Diagram 2: COLUMN STRIP WITHOUT DROP PANELS ($L_c < L_1$)

Reinforcement details for a column strip without drop panels where the clear span L_c is less than the adjacent span L_1 . The diagram shows top bars with a hook for 50% of the bottom reinforcement. The development length L_d is specified for the top bars. The column strip width is L_c , and the adjacent span width is L_1 . The reinforcement is provided in the column strip and the adjacent span.

Diagram 3: COLUMN STRIP WITH DROP PANELS ($L_c > L_1$)

Reinforcement details for a column strip with drop panels where the clear span L_c is greater than the adjacent span L_1 . The diagram shows top bars with a hook for 50% of the bottom reinforcement. The development length L_d is specified for the top bars. The column strip width is L_c , and the adjacent span width is L_1 . The reinforcement is provided in the column strip and the adjacent span.

Diagram 4: COLUMN STRIP WITH DROP PANELS ($L_c < L_1$)

Reinforcement details for a column strip with drop panels where the clear span L_c is less than the adjacent span L_1 . The diagram shows top bars with a hook for 50% of the bottom reinforcement. The development length L_d is specified for the top bars. The column strip width is L_c , and the adjacent span width is L_1 . The reinforcement is provided in the column strip and the adjacent span.

BE PLACED IN A BAND WIDTH EQUAL TO THE WIDTH OF THE COLUMN PLUS 3 TIMES THE SLAB THICKNESS, CENTERED OVER THE COLUMN AND THE SPACING OF THESE BARS SHALL NOT EXCEED 15 TIMES THE SLAB THICKNESS OR 250 MM.

2. OVER EXTERIOR COLUMNS ALL OF THE TOP BARS IN THE COLUMN STRIP SHALL BE PLACED IN A BAND WIDTH AS PER NOTE 1, CENTERED OVER THE COLUMN.

Diagram illustrating the reinforcement layout for a middle strip of a slab over two columns. The diagram shows the beam, columns, and reinforcement bars (top and bottom) with their respective dimensions and spacing. Key dimensions include $0.22 L_c$, $405MM \text{ } \phi 9MM$, $0.15 L \text{ MAX}$, 150 , L_{c1} , L_{c2} , $SPAN L1$, $SPAN L2$, and COL .

MIDDLE STRIP

$L_c = \text{LONGER OF ADJACENT CLEAR SPAN } L_1 \text{ OR } L_2$

NOTE 'A': ALTERNATE LONG AND SHORT BARS, HALF OR MORE OF BARS IN EACH STRIP TO BE LONG BARS.

NOTE 'B': FOR BARS NOT TERMINATING IN DROP PANELS, USE LENGTHS SHOWN FOR PANELS WITHOUT DROPS.

NOTE 'C': PROVIDE OVERLAP OF ADDED REINF. AND MAIN BOTTOM REINF. BY 2x MINIMUM STRAIGHT TENSION DEVELOPMENT LENGTH. SEE TABLE 1 ON TD107.

Diagram illustrating the reinforcement details for a column and slab joint. The diagram shows a cross-section of a column and a slab. The column is labeled "COLUMN / WALL ABOVE" and "COLUMN / WALL BELOW". The slab is labeled "CONCRETE WITH SAME STRENGTH AS COLUMN / WALL ABOVE". A "500 MIN. ALL AROUND" label indicates the minimum reinforcement for the column. A "CAPITAL WHERE NOTED" label points to the top of the column.

NOTES:

1. FOR INTERIOR AND "EDGE" COLUMNS, WHERE THE CONCRETE STRENGTH IN THE COLUMN ABOVE IS GREATER THAN 1.4 TIMES THE CONCRETE STRENGTH IN THE FLOOR, CONCRETE WITH STRENGTH SPECIFIED FOR COLUMN ABOVE SHALL BE PLACED IN THE SLAB AROUND THE COLUMN.
2. FOR WALL OR "CORNER" COLUMNS, WHERE THE CONCRETE STRENGTH IN THE COLUMN ABOVE IS GREATER THAN CONCRETE STRENGTH IN THE FLOOR, CONSTRUCTION, CONCRETE WITH STRENGTH SPECIFIED FOR COLUMN ABOVE SHALL BE PLACED IN THE SLAB AROUND THE COLUMN OR WALLS.
3. THE HIGHER STRENGTH CONCRETE IN THE SLAB SHALL BE PLACED MONOLITHICALLY WITH THE REMAINDER OF THE SLAB AND SHALL BE WELL INTEGRATED TO PREVENT A COLD JOINT FROM FORMING.

Figure 1: Reinforcement Details of Beams. This technical drawing shows various reinforcement details for beams. The top section shows a beam cross-section with labels for 'FULL TENSION', 'DEVELOPMENT LENGTH', 'EXTEND TOP BARS WHERE POSSIBLE', '1/2 L MIN. (SEE PLAN)', 'TOP BARS SEE NOTE 4', 'SEE NOTE 5', '1/2 L OR 1/4 L + 4M MIN. WHICHEVER GREATER', 'TOP BARS SEE PLAN', 'EXTEND BARS OVER SUPPORT', and 'UNLESS OTHERWISE NOTED ON PLAN OR BEAM SCHEDULE OR SEE NOTE 8'. The middle section shows a beam cross-section with labels for 'STD. HOOK IF REQ'D. SEE SCHEDULE & NOTE 2', '50 CLEAR', '1&B TYP.', 'MAIN BOTTL. BARS SEE BM. SCHEDULE & NOTE 5', 'ADDED BOTTOM BARS', '1/6 L MIN. 600 MAX', '1/6 L 600 MAX', '50', 'SEE BEAM SCHEDULE FOR STIRRUPS SIZE & SPACING', 'SEE ALSO NOTE 5', 'SPAN L1', 'SPAN L2', and 'UNLESS OTHERWISE NOTED ON SCHEDULE'. The bottom section shows a beam cross-section with labels for 'NON-CONT. END (OR LEFT SIDE)', 'CONTINUOUS END (OR RIGHT SIDE)', 'ELEVATION', 'STIRRUP HOOKS 135° UNLESS OTHERWISE NOTED IN SCHEDULE', 'TOP BARS SEE SCHEDULE', '40 TYPICAL ALL SIDES UNLESS OTHERWISE NOTED', '100X30 REB. OR 2x40x10 OR GREATER ENDS WITH NO 5/8 SPACING OR REB'S W/ MINOR 6 CLS. DISCONTINUE STD. HOOK AT PROVIDED ENDS', 'BOTTOM BARS SEE SCHEDULE', 'BEAM WIDTH', 'ADJ. CORNER OF STIRRUPS WHERE REQUIRED. SEE NOTE 5', and 'D ≥ 400'. The caption below the drawing is 'TYPICAL SECTIONS THROUGH VARIOUS BEAMS'.

AT MID-LANDING

10B300x900 I.G. DOWELS BOND INTO MIDLANDING TYPE 26

CONTINUOUS 50mm DEEP RECESS

3-10T

3-10 DOWELS TYPE 26

3-10T

3-10 DOWELS TYPE 26

2-20B CONT.

2-20T CONT. IH

2-20T

2-20B CONT.

1-15T&B

1-15T&B

1-15T&B

1-15T&B

POCKET IN WALL

WALL DOG POCKET IN WALL

SEE PLAN

SEE TYPICAL STAIR DETAIL

SEE WALL SCHEDULE

WALL REINF. OMITTED FOR CLARITY

DOWN

UP

SEE PLAN

SEE ARCH. DRAWINGS

SEE WALL SCHEDULE

1-15T&B

2-20B CONT.

2-20T

SEE WALL SCHEDULE

SEE WALL SCHEDULE

SEE WALL SCHEDULE

TYPICAL MID-LANDING PLAN

HH = DENOTES BARS HOOKED EACH END.

SEE PRECAST STAIR SHOP DRAWINGS FOR ADDITIONAL REINF. AT LEDGES

SEE PRECAST STAIR SHOP DRAWINGS FOR ADDITIONAL REINF. AT LEDGES

TYPICAL LANDING PLAN

AT FLOOR LEVEL

The diagram illustrates the reinforcement details for framed slabs and beams, divided into three main sections: IN FRAMED SLABS, IN BEAMS, and IN WALLS.

IN FRAMED SLABS: This section shows two cross-sectional views of a slab. The top view shows a slab with a width of 40 units and a height of 10 units. The reinforcement consists of top bars (ADD 100650 X200 LG.) and bottom bars (ADD 100650 X200 LG.). The top bars are spaced at 10 units, and the bottom bars are spaced at 10 units. The top bars are bent up at a 45-degree angle. The bottom bars are bent down at a 45-degree angle. The text "ALL BARS TO RUN THROUGH" is present.

The bottom view shows a slab with a width of 40 units and a height of 10 units. The reinforcement consists of top bars (ADD 2-15 MIN. OR 150/300X1500 LG. ABOVE & BELOW KEY) and bottom bars (PROVIDE 2-20 MIN. OR 200/300X1500 LG. WHERE THERE ARE NO CONT. TOP BARS). The top bars are spaced at 10 units, and the bottom bars are spaced at 10 units. The top bars are bent up at a 45-degree angle. The bottom bars are bent down at a 45-degree angle. The text "ALL BOTTOM BARS TO RUN THROUGH" is present.

IN BEAMS: This section shows a cross-sectional view of a beam with a width of 40 units and a height of 10 units. The reinforcement consists of top bars (P.V.C. WATER BAR IN SUB-BRACE EXTERIOR WALLS OR EXTERIOR P.V.C. WATER BAR AT EXTERIOR FACE) and bottom bars (ADD 150/350 LG. DOWELS EA. FACE EQUALLY SPACED BETWEEN MAIN HOR. WALL REINF.). The top bars are spaced at 10 units, and the bottom bars are spaced at 10 units. The top bars are bent up at a 45-degree angle. The bottom bars are bent down at a 45-degree angle. The text "ROUGHEN SURFACE OF CONC. AND COAT WITH CEMENT SLURRY BEFORE SECOND CASTING OF CONCRETE" is present.

IN WALLS: This section shows a cross-sectional view of a wall with a width of 40 units and a height of 10 units. The reinforcement consists of top bars (CONSTRUCTION JOINT SHALL BE PLACED 1200 MIN. AWAY FROM OPENINGS OR FACE OF SUPPORTING PIER) and bottom bars (WALLS SUPPORTED ON PIERS OR CAISSONS SHALL HAVE CONSTRUCTION JOINT LOCATED AT MIDSPAN, UNLESS OTHERWISE APPROVED BY THE ENGINEER). The top bars are spaced at 10 units, and the bottom bars are spaced at 10 units. The top bars are bent up at a 45-degree angle. The bottom bars are bent down at a 45-degree angle. The text "PROVIDE TENSION LAP SPACE AS INDICATED AND FOR ALL CONTINUOUS TOP & BOTTOM BARS THROUGH CONSTRUCTION JOINT" is present.

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2020-09-28	ISSUED FOR PERMIT
3.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
4.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
5.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
6.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
7.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

[illegible]

3

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REVISIONS

PRINTS ARE NOT TO BE SCALED.

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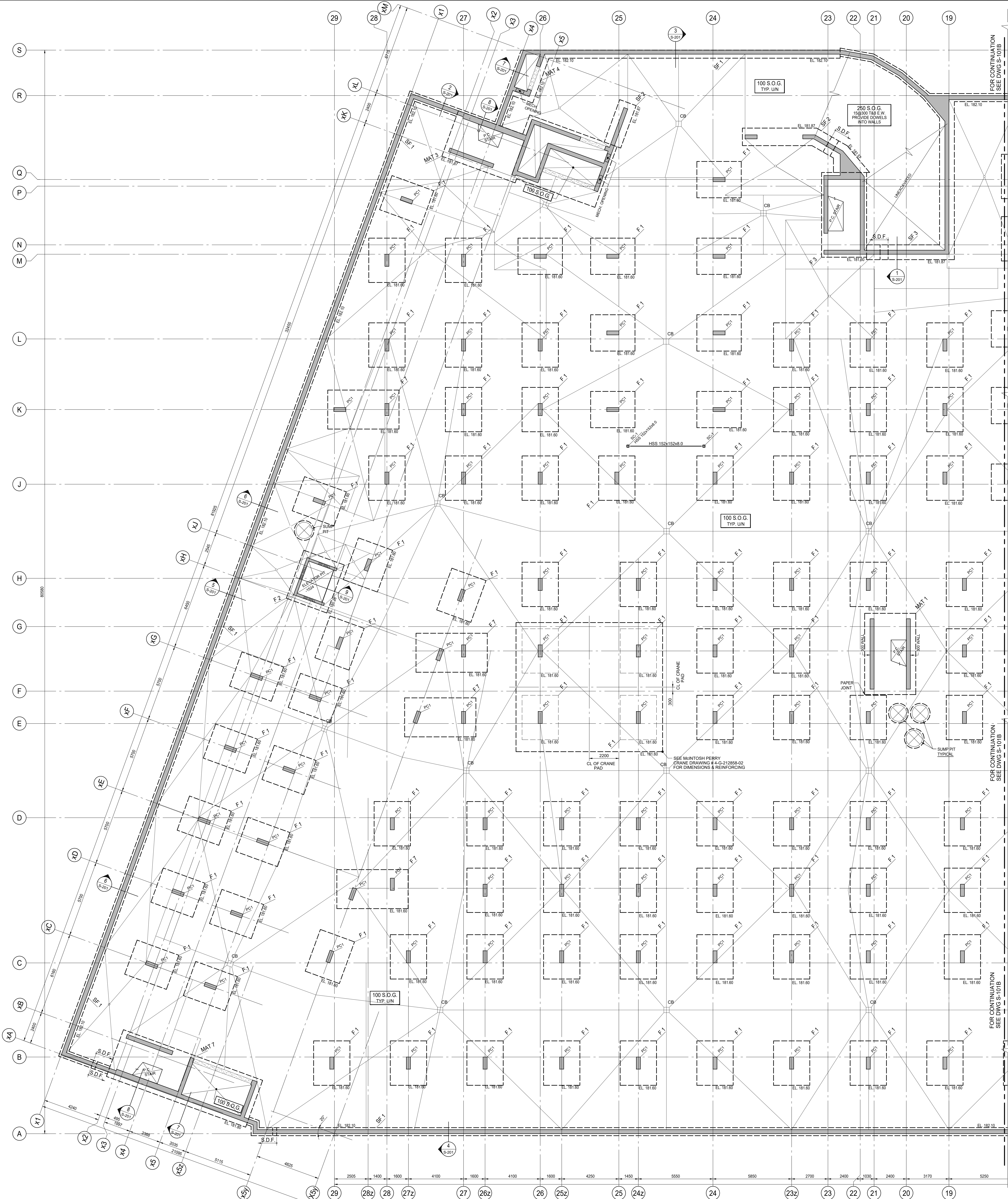
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

TYPICAL DETAILS

Drawn By:	ND	Scale :
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	JW	

19000	S-003
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P1 LEVEL FOUNDATION PLAN

SCALE 1:100

- FOOTINGS SHALL BE CARRIED DOWN TO BEAR ON NATURAL UNDISTURBED (SHALE, TILL, SOIL) CAPABLE OF SAFELY SUSTAINING A BEARING CAPACITY OF 300 kPa (SLB) & 450 kPa (ULS). UNLESS NOTED ON PLAN, AS PER ON GEOTECHNICAL REPORT 20-065-100 PREPARED BY DS CONSULTANTS LTD. DATED JUNE 16, 2020.
- TOP OF ROUGH SLAB IS 9mm BELOW FINISHED FLOOR (DATUM EL. XXX.XXX) EXCEPT AS CROSSED AND NOTED ON PLAN.
- TOP OF FOOTINGS TO BE 300mm (MIN.) FROM FINISHED SLAB ON GRADE. UNDERSIDE OF FOOTING ELEVATION IS NOTED AS EL.XXX.XXX ON PLAN.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
FOR FOOTINGS & FOOTING CAPS 30 MPa, EXCEPT AS NOTED ON PLAN.
FOR PERIMETER FOUNDATION WALLS 30 MPa, EXPOSURE CLASS 'F2'.
FOR SLAB ON GRADE 25 MPa, EXPOSURE CLASS 'C4'.
FOR COLUMNS & SHEAR WALLS 35 MPa
- CONCRETE EXPOSED TO DE-ICING CHEMICALS AND OR WEATHER SHALL HAVE 6% TO 8% ENTRAINED AIR.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- SLAB ON GRADE SHALL BE 100mm THICK, REINFORCED WITH FIBRILLATED POLYPROPYLENE FIBRES, UNLESS OTHERWISE NOTED ON PLAN.
- PROVIDE 150mm OF RIGID INSULATION UNDER SLAB ADJACENT TO AIR SHAFTS FOR A DISTANCE OF 1500mm FROM SHAFTS. (TYPICAL).
- S.D.F. - DENOTES STEP DOWN FOOTING.
- SEE GENERAL NOTES ON DRAWING S-001.
- SEE TYPICAL DETAILS ON S-000 SERIES DRAWINGS.
- SEE COLUMN & WALL SCHEDULE ON THIS DRAWING.
- REFER TO ARCH. DRAWINGS FOR EXACT SLOPES OF SLAB AND DRAIN LOCATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZE, LOCATION AND EXTENT OF CURBS. SEE TYPICAL DETAILS FOR CURB REINFORCEMENT.
- VERIFY ELEVATOR PIT DEPTH WITH ELEVATOR MANUFACTURER.
- SEE MECHANICAL DRAWINGS FOR LOCATION, SIZE AND DEPTHS OF SUMP PITS. LOWER FOOTINGS AS NECESSARY.
- CENTRE LINE OF FOOTING SHALL BE CENTER LINE OF COLUMN OR SHEAR WALL UNLESS OTHERWISE NOTED ON PLAN.
- THE LONGEST DIMENSION OF THE FOOTING IS PARALLEL TO THE LONGEST DIMENSION OF THE COLUMN UNLESS NOTED ON PLAN.
- PROJECT ALL FOOTINGS 300 (MIN.) BEYOND FACE OF COLUMN OR SHEAR WALL UNLESS NOTED ON PLAN.
- BPL-1 - 150x150 DENOTES ELEVATOR DIVIDER BEAM BASE PLATE WITH 2x19mm@ NELSON STUD. x 150L.G., EACH END.

15@800V FOR NON-LOAD BEARING BLOCK WALLS & DOWEL INTO SLAB ON GRADE

COLUMN PC1 = 300x800
10-20V
+10@300 TIES

WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP
300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
5.	2020-09-28	ISSUED FOR PERMIT
6.	2021-01-08	ISSUED FOR TENDER ADDENDUM #5
7.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
8.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
10.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
11.	2021-04-08	ISSUED FOR SITE INSTRUCTION #1
12.	2021-04-21	ISSUED FOR SITE INSTRUCTION #2
13.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
14.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
15.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
16.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

REVISIONS

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.

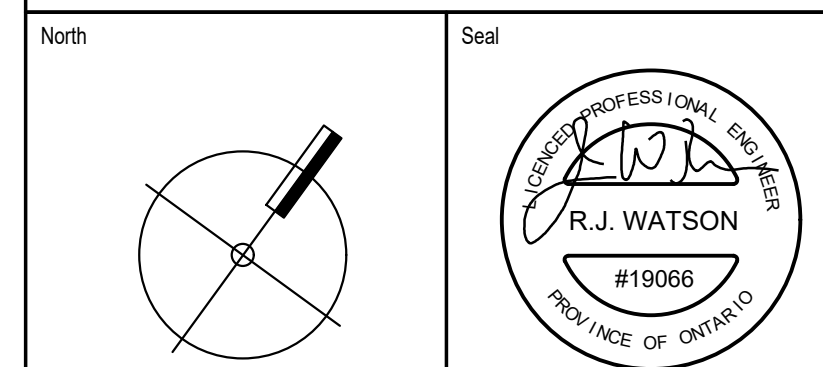
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TORONTO, ONTARIO

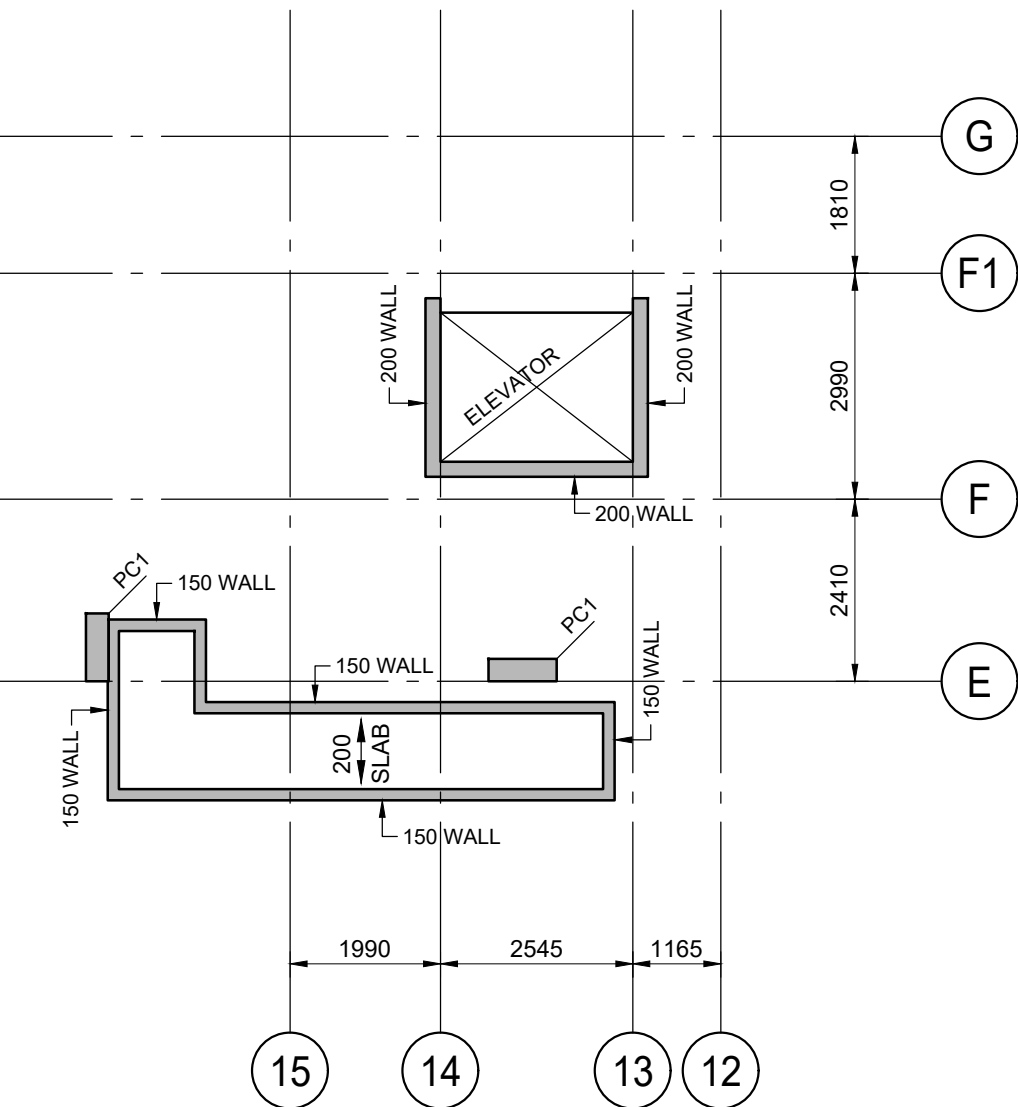
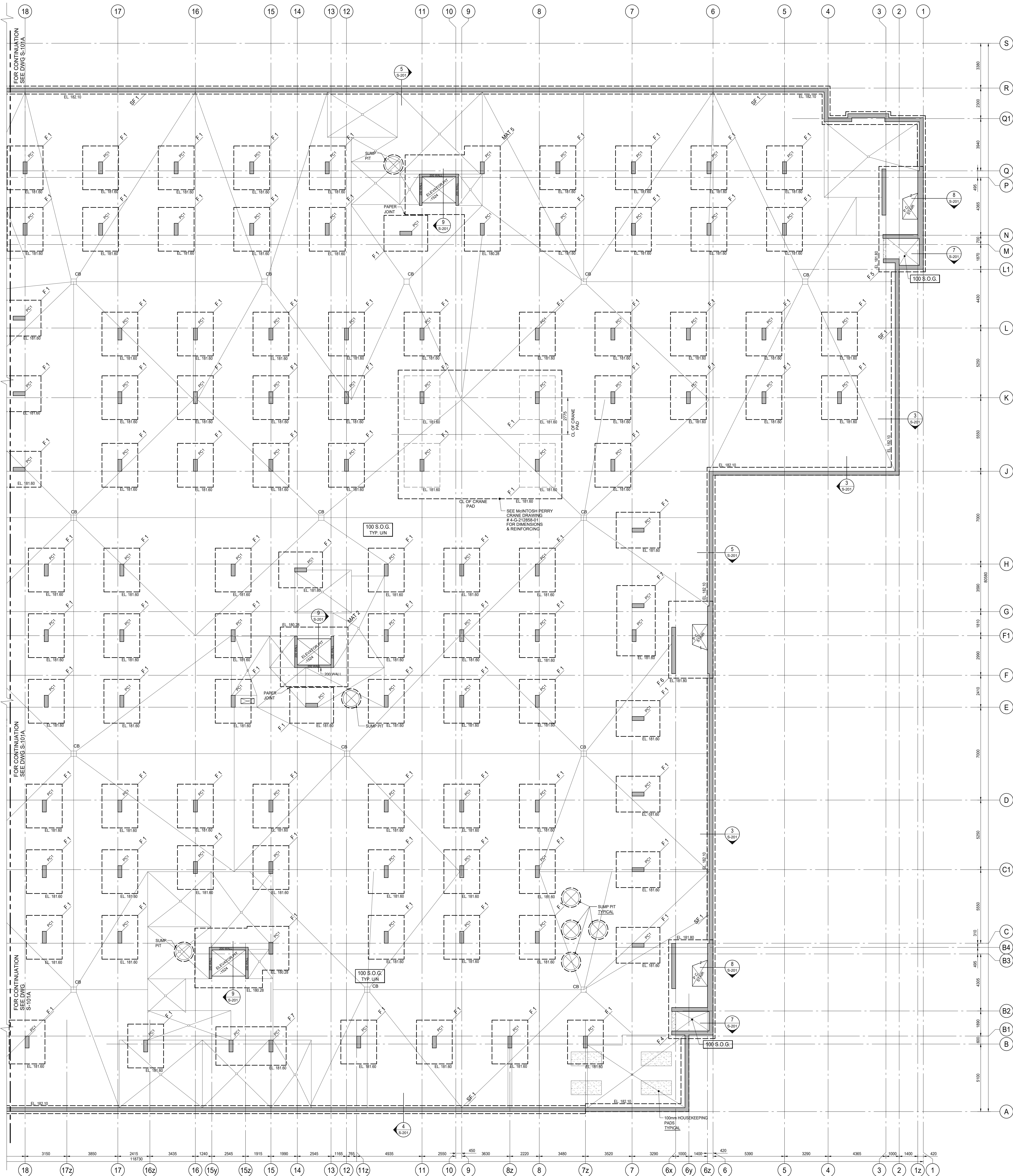
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**P1 UNDERGROUND
WEST AREA**



Date Plotted: ND
Scale: 1 : 100

Checked By: JW
Revision Number:

Job No: 19066
Sheet No: S-101A



P1 LEVEL PART PLAN
SCALE 1:100

P1 LEVEL FOUNDATION PLAN
SCALE 1:100

1. FOR GENERAL NOTES, SEE DRAWING S-101A.
- 15@800V FOR NON-LOAD BEARING BLOCK WALLS & DOWN INTO SLAB ON GRADE
- COLUMN PC1 = 300x300
10-20V
+10@300 TIES
- WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP
300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
5.	2020-09-28	ISSUED FOR PERMIT
6.		
7.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
8.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
10.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
11.	2021-04-08	ISSUED FOR SITE INSTRUCTION #1
12.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
13.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
14.	2021-05-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
15.	2021-05-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
16.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

REVISIONS

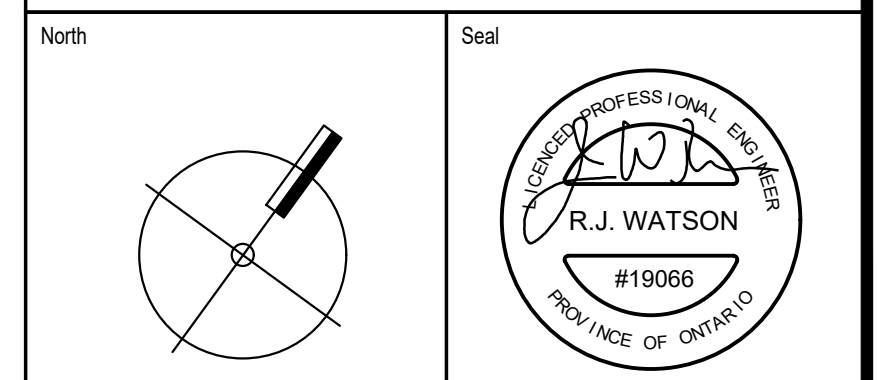
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FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title:
P1 UNDERGROUND EAST SIDE

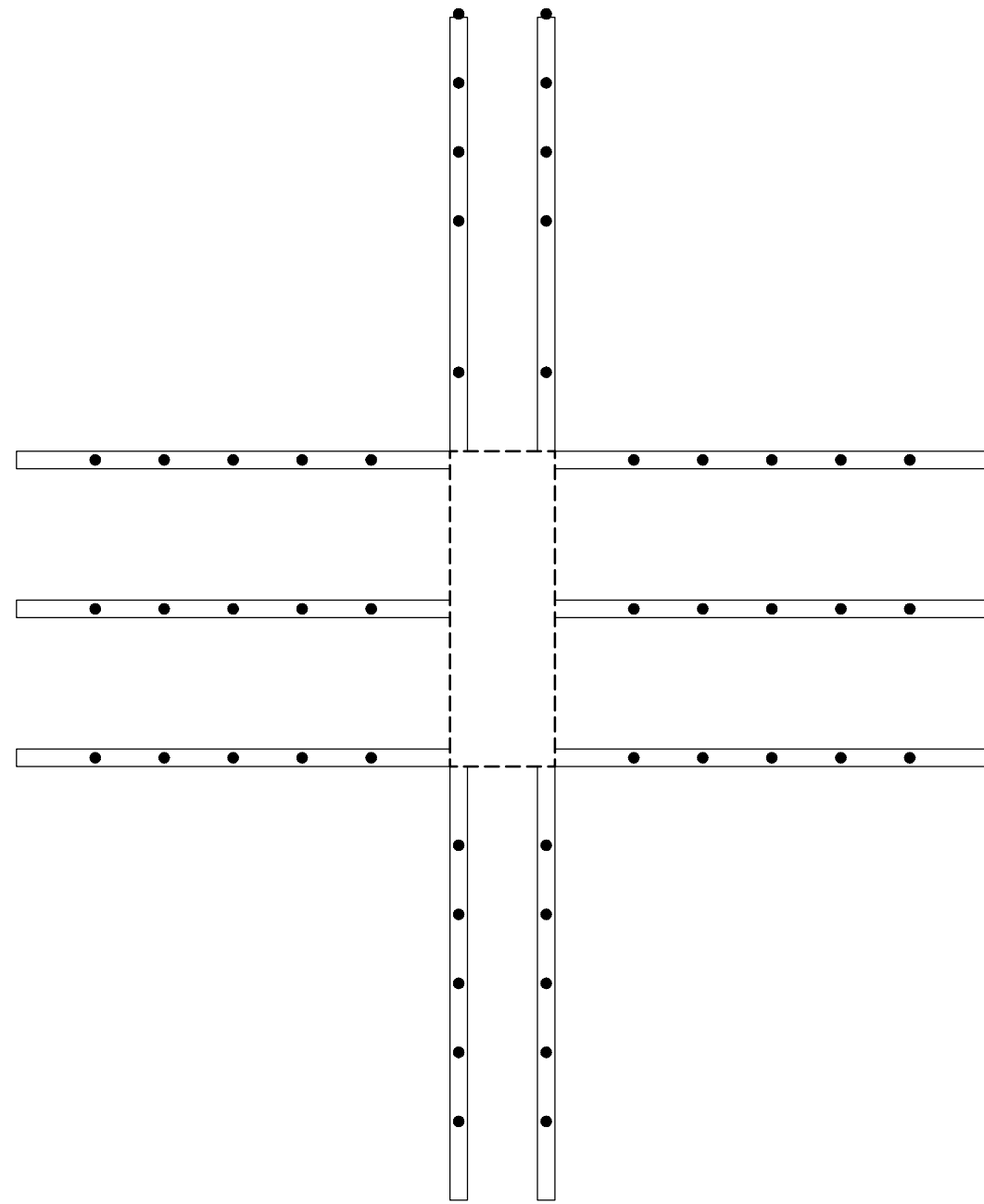
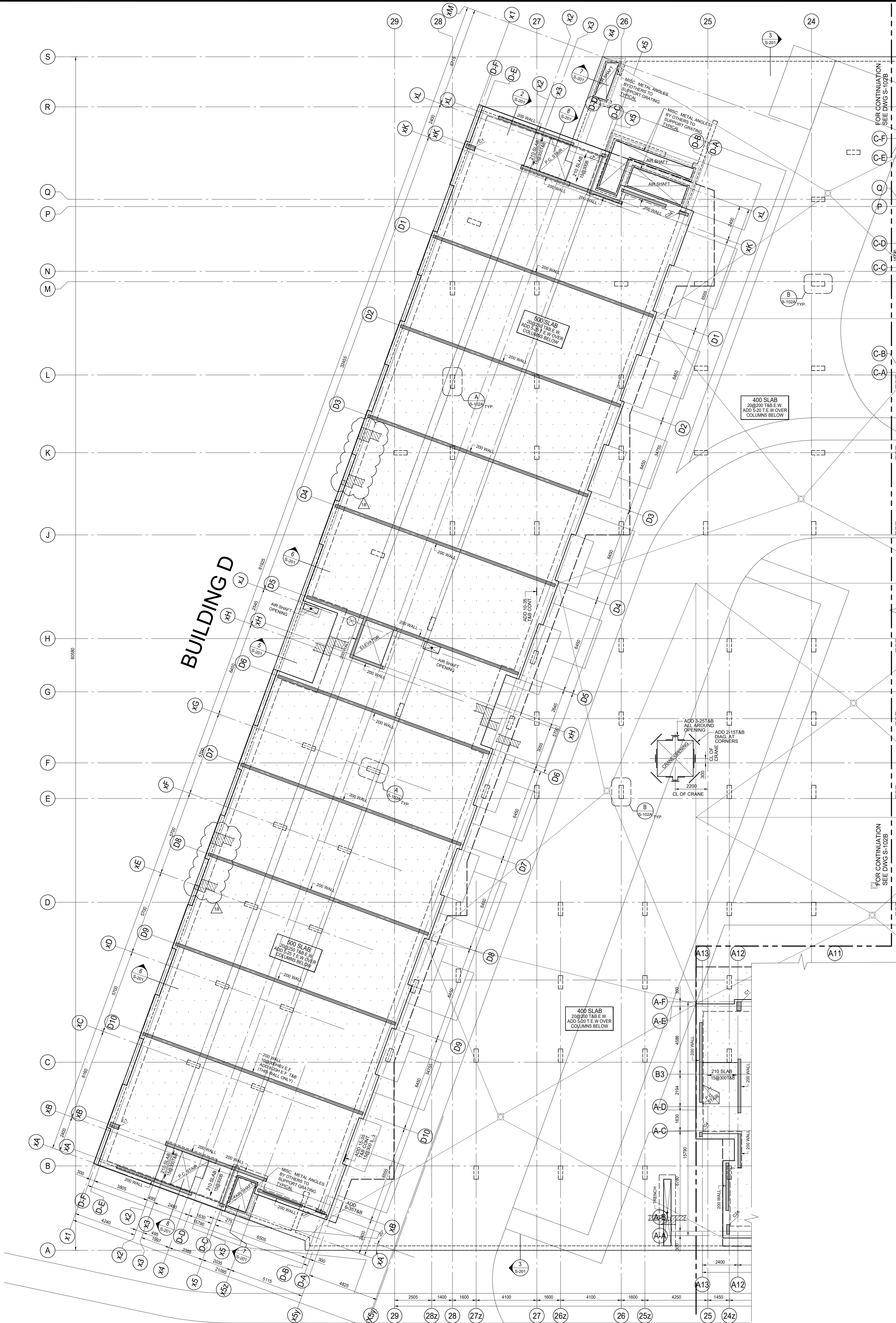


Date Plotted:
Sep 27 2021

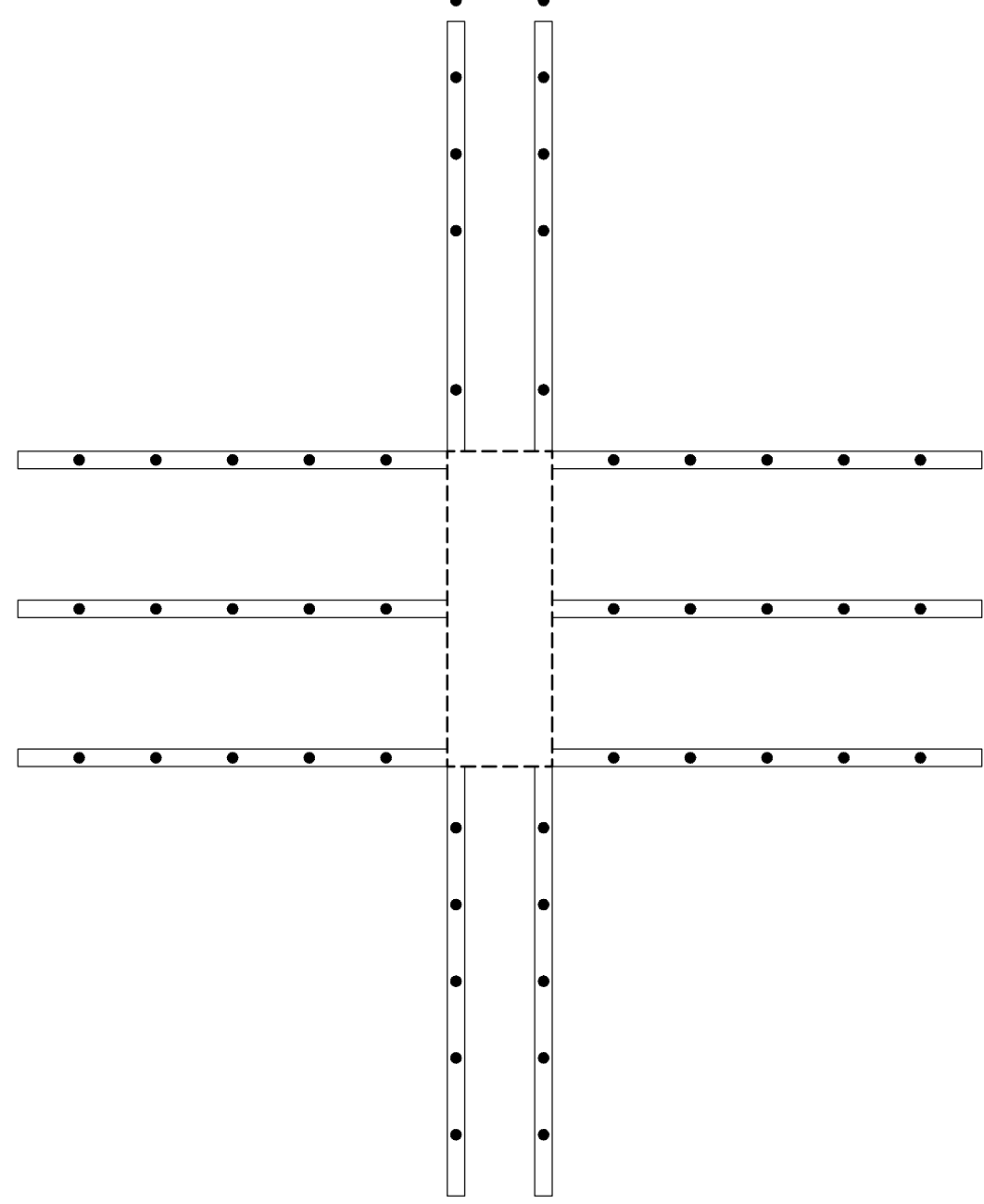
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Checked By: **JW** Revision Number:

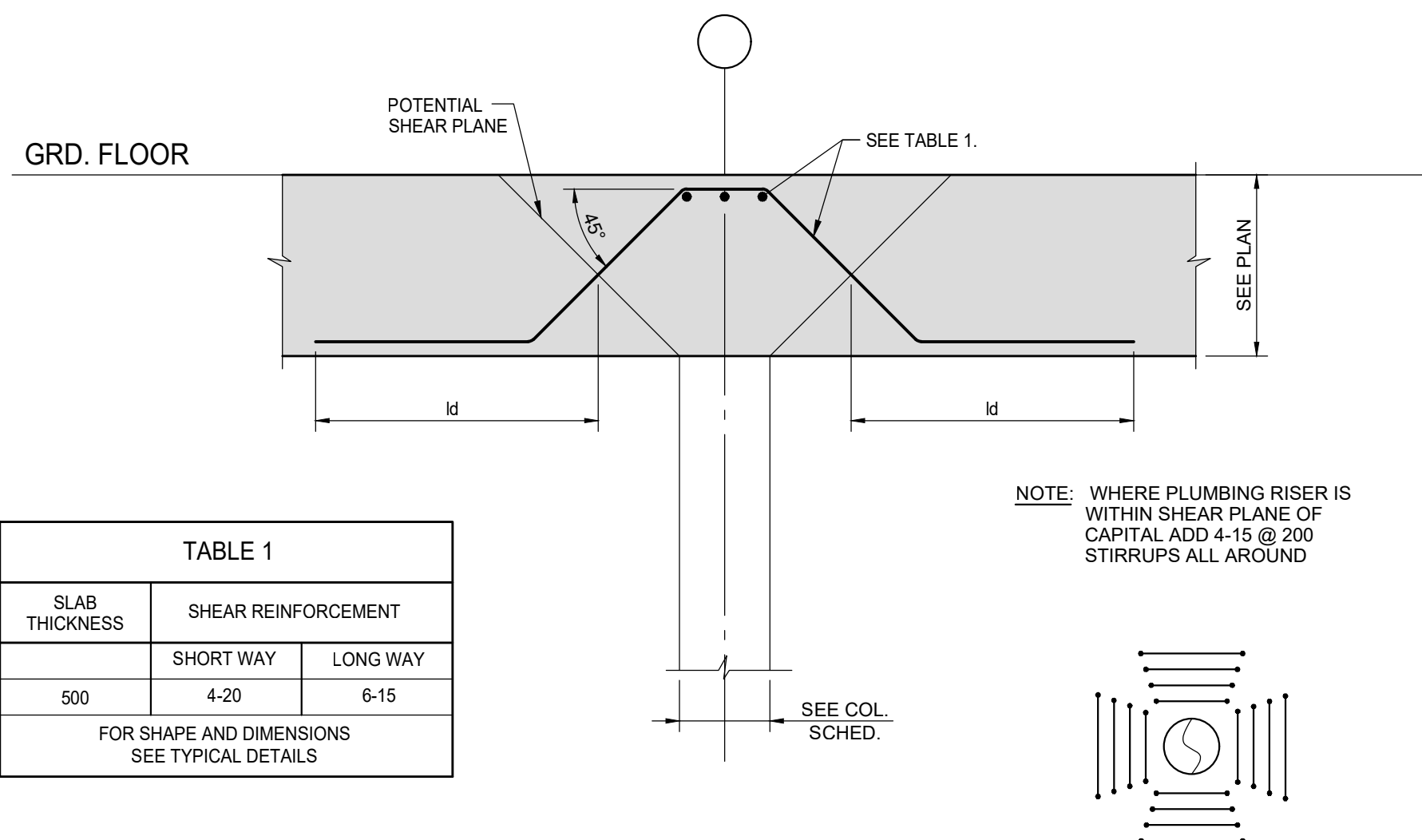
Job No.: **19066** Sheet No.: **S-101B**



DETAIL A
SCALE 1:20
S-102A



DETAIL B
SCALE 1:20
S-102A



TYPICAL DETAIL OF PICK-UP SLAB AT COLUMN
SCALE 1:20

TABLE 1		
SLAB THICKNESS	SHEAR REINFORCEMENT	
	SHORT WAY	LONG WAY
500	4-20	5-16

NOTE: WHERE PLUMBING RISER IS WITHIN SHEAR PLANE OF CAPITAL ADD 4-16 @ 200 STIRRUPS ALL AROUND

GROUND FLOOR FRAMING PLAN

SCALE 1:100

- TOP OF ROUGH SLAB IS 0.0mm BELOW FINISHED FLOOR (DATUM EL. XXX.XXX) EXCEPT AS CROSSED AND NOTED ON PLAN.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
FOR WALLS AND COLUMNS 30 MPa
FOR PICK-UP SLABS AND BEAMS 35 MPa
FOR SLABS 35 MPa
FOR LIVE LOADS SEE TABLE 'X' ON THIS DRAWING.
- CONCRETE EXPOSED TO DE-ICING CHEMICALS SHALL BE EXPOSURE CLASS 'C-1' WITH 6% TO 8% ENTRAINED AIR AND CORROSION INHIBITOR AT A MINIMUM RATE OF 10.0 LITERS PER CUBIC METER.
- PORTIONS OF THE GARAGE ROOF SLAB ACCESSIBLE TO HEAVY TRUCK LOADING AND FIRE ROUTE HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS ON THE ONTARIO BUILDING CODE AND THE HIGHWAY BRIDGE DESIGN CODE, INCLUDING POINT LOAD AND LOAD FACTORS, FOR THE FULL ANTICIPATED ROUTE OF TRAVEL.
- MINIMUM CONCRETE COVER SHALL BE 40mm FOR ALL TOP BARS AND 30mm FOR BOTTOM BARS IN ALL VEHICULAR AREAS.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING:
200 SLAB IS 10@250
210 SLAB IS 10@230
400 SLAB IS 10@250
500 SLAB IS 20@250
- NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS.
- SEE GENERAL NOTES ON DRAWING S-001.
- SEE TYPICAL DETAILS DETAILS ON S-000 SERIES DRAWINGS.
- SEE COLUMN & WALL SCHEDULE ON THIS DRAWING.
- COORDINATE BEAM DEPTHS AT DOORS WITH ARCHITECTURAL DRAWINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR SLAB ELEVATIONS, SLOPES, STEPS IN SLAB AND SLAB DEPRESSIONS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZE, LOCATION AND EXTENT OF CURBS. SEE TYPICAL DETAILS FOR REINFORCING.
- CENTER LINE OF DROP AND BEAM IS THE CENTER LINE OF COLUMN OR SHEAR WALL UNLESS OTHERWISE NOTED ON PLAN.
- GRATING OVER AIR SHAFTS AND SUPPORT FRAME SHALL BE DESIGNED FOR HEAVY TRUCK LOADING (14kPa) AND ASSOCIATED POINT LOADS IN ACCORDANCE WITH THE CANADIAN HIGHWAY BRIDGE DESIGN CODE. SHOP DRAWINGS SHALL CLEARLY INDICATE LOADING AND BE STAMPED AND SEALED BY PROFESSIONAL ENGINEER.
- BPL1 - 150x10x150 DENOTES ELEVATOR DIVIDER BEAM BASE PLATE WITH 2x19mmØ NELSON STUD x 150LG., EACH END.

COLUMN = C1 300x600 6-20V +10@300 TIES C2A 200x650 6-20V +10@300 TIES C2B 200x500 6-20V +10@300 TIES C3 250x800 8-20V +10@300 TIES C4 200x300 4-20V +10@300 TIES

WALLS = 200 THICK.
10@400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
4.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
5.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
6.	2020-09-28	ISSUED FOR PERMIT
7.	2021-01-08	ISSUED FOR TENDER ADDENDUM #5
8.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
9.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
10.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
11.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
12.	2021-04-21	ISSUED FOR SITE INSTRUCTION #2
13.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
14.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
15.	2021-05-28	ISSUED FOR SITE INSTRUCTION #5
16.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
17.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D
18.	2021-12-13	ISSUED FOR SITE INSTRUCTION #6

REVISIONS

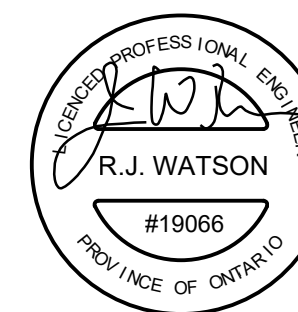
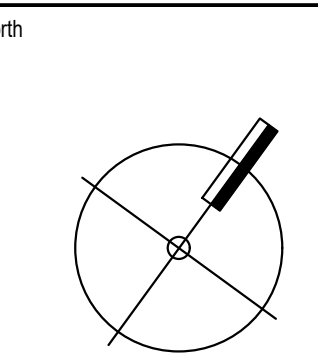
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.
PRINTS ARE NOT TO BE SCALED.



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FAX: 416-447-2771

Job Title:
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

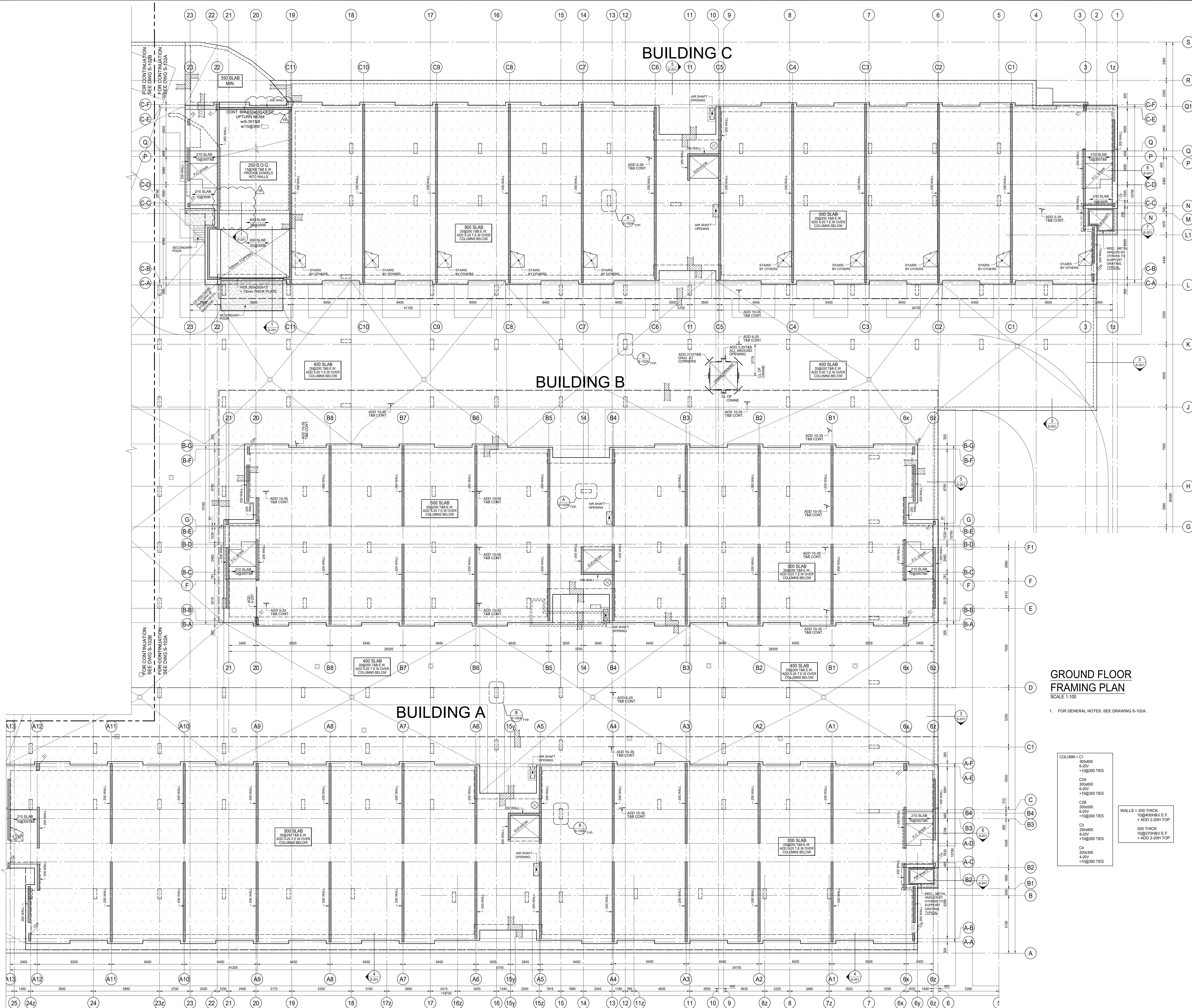
Sheet Title:
**1ST FLOOR
BUILDING D**



Date Plotted: Dec 15 2021

Drawn By: ND
Checked By: JW
Job No.: 19066

Scale: 1 : 100
Revision Number:
Sheet No: S-102A



ISSUES		
No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
4.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
5.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
6.	2020-09-28	ISSUED FOR PERMIT
7.	2021-01-08	ISSUED FOR TENDER ADDENDUM #5
8.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
9.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
10.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
11.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
12.	2021-04-21	ISSUED FOR SITE INSTRUCTION #2
13.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
14.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
15.	2021-05-28	ISSUED FOR SITE INSTRUCTION #5
16.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
17.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D
18.	2021-11-18	ISSUED FOR SITE INSTRUCTION #6
19.	2021-12-13	ISSUED FOR SITE INSTRUCTION #8

REVISIONS		
No.	DATE	DESCRIPTION
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.		
PRINTS ARE NOT TO BE SCALED.		

GROUND FLOOR FRAMING PLAN
SCALE 1:100
1. FOR GENERAL NOTES, SEE DRAWING S-102A.

COLUMN - C1	
300x600	6-20V
+10#300 TIES	
C2A	
200x650	6-20V
+10#300 TIES	
C2B	
200x500	6-20V
+10#300 TIES	
C3	
250x800	8-20V
+10#300 TIES	
C4	
200x300	4-20V
+10#300 TIES	

WALLS = 200 THICK
10#400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10#300H&V E.F.
+ ADD 2-20H TOP

Jablonsky, Ast and Partners CONSULTING ENGINEERS
1120 LESLIE STREET
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Job Title:
FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title:
1ST FLOOR BUILDINGS A, B, & C

North

Date Plotted: Dec 15 2021
Drawn By: ND
Checked By: JW
Job No: 19066

Date: Dec 15 2021
Scale: 1 : 100
Revision Number:
Sheet No: S-102B



SCALE 1:100

- WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP
- 300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

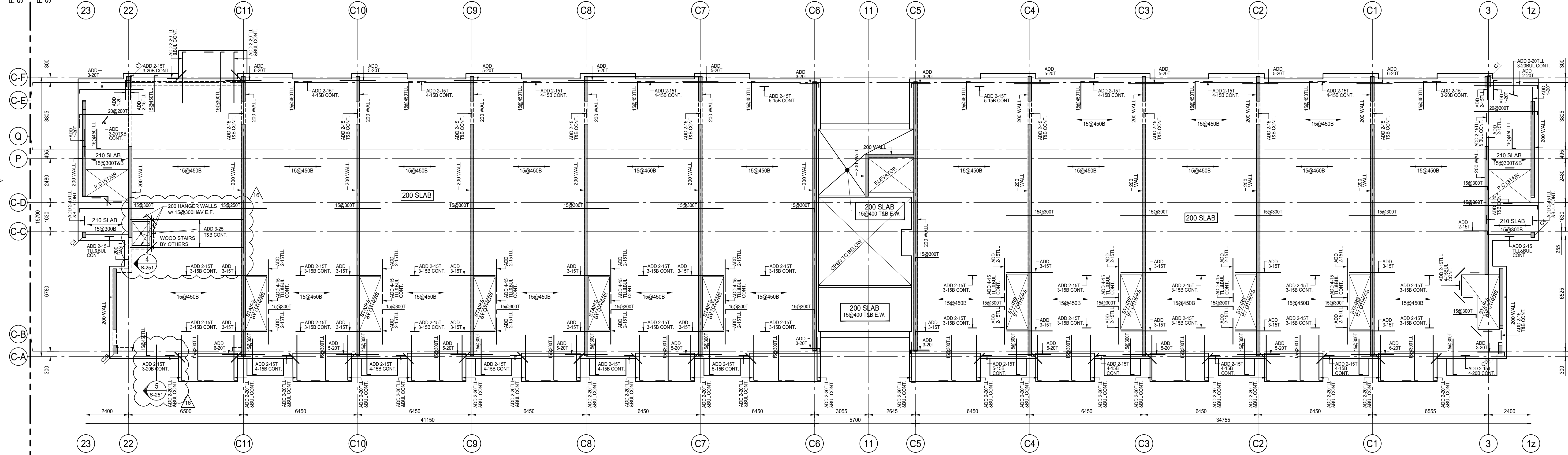
19066	S-103A
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FOR CONTINUATION
SEE DWG S-103B
FOR CONTINUATION
SEE DWG S-103A

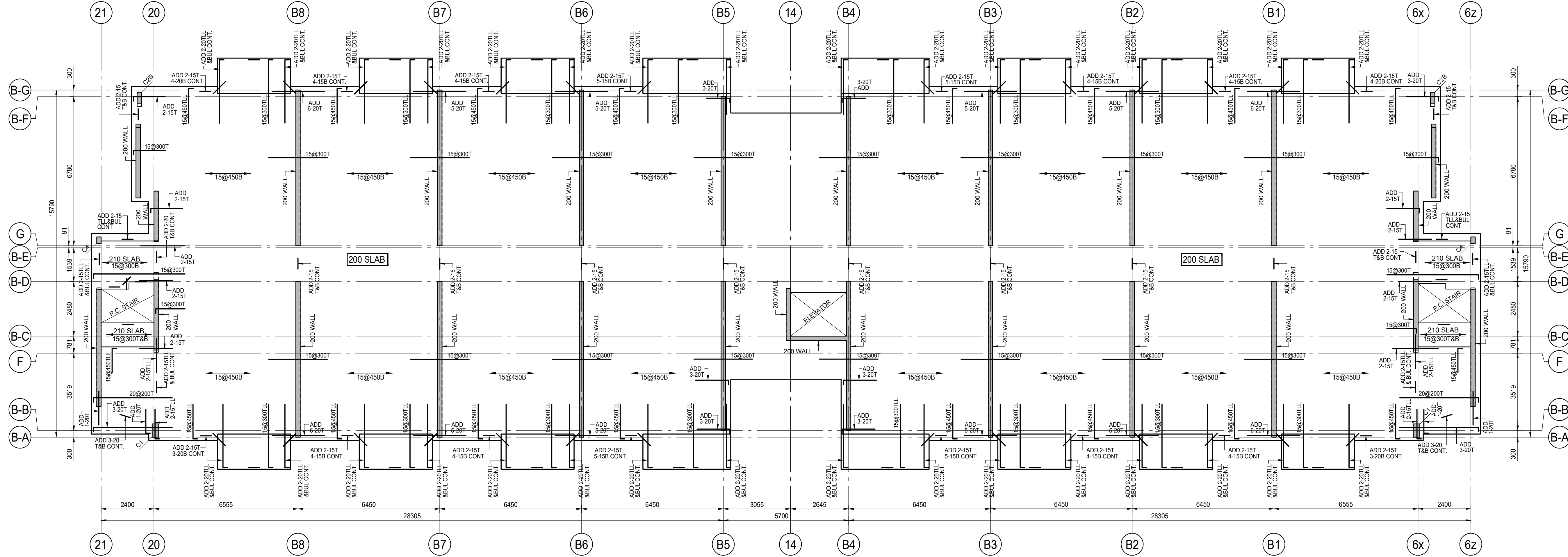
FOR CONTINUATION
SEE DWG S-103B
FOR CONTINUATION
SEE DWG S-103A

FOR CONTINUATION
SEE DWG S-103B
FOR CONTINUATION
SEE DWG S-103A

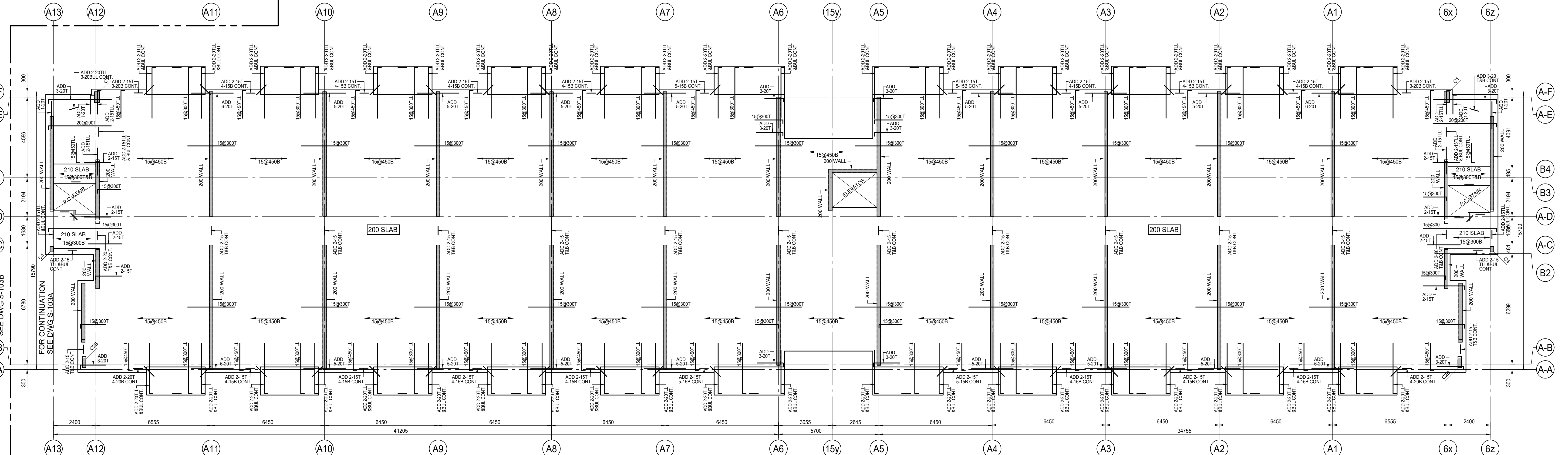
BUILDING C



BUILDING B



BUILDING A



2ND FLOOR FRAMING PLAN SCALE 1:100

1. FOR GENERAL NOTES, SEE DRAWING S-103A.

COLUMN - C1
300x600
6-20V
+10@300 TIES
C2A
200x650
6-20V
+10@300 TIES
C2B
200x500
6-20V
+10@300 TIES
C3
250x800
8-20V
+10@300 TIES
C4
200x300
4-20V
+10@300 TIES

WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
5.	2020-09-28	ISSUED FOR PERMIT
6.	2021-01-08	ISSUED FOR TENDER ADDENDUM #5
7.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
8.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
10.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
11.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
12.	2021-05-28	ISSUED FOR SITE INSTRUCTION #5
13.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
14.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D
15.	2021-10-06	ISSUED FOR SITE INSTRUCTION #6
16.	2021-12-13	ISSUED FOR SITE INSTRUCTION #8

REVISIONS

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.

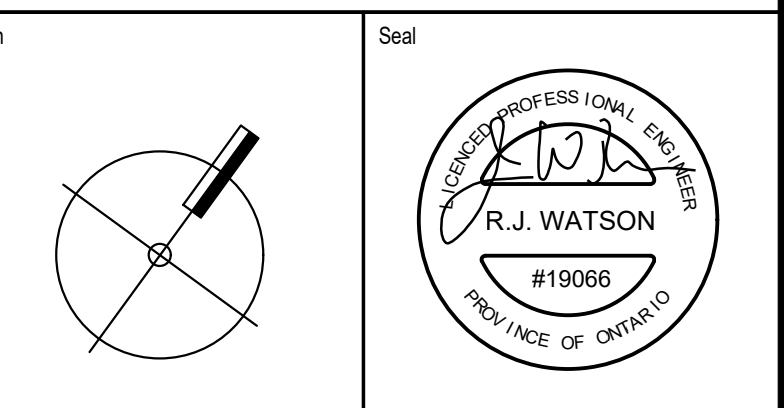
PRINTS ARE NOT TO BE SCALED.



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Job Title:
FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title:
**2ND FLOOR
BUILDINGS A, B, & C**



Date Plotted: Dec 15, 2021
Drawn By: ND
Scale: 1 : 100

Checked By: JW
Revision Number:
Job No.: 19066
Sheet No.: S-103B

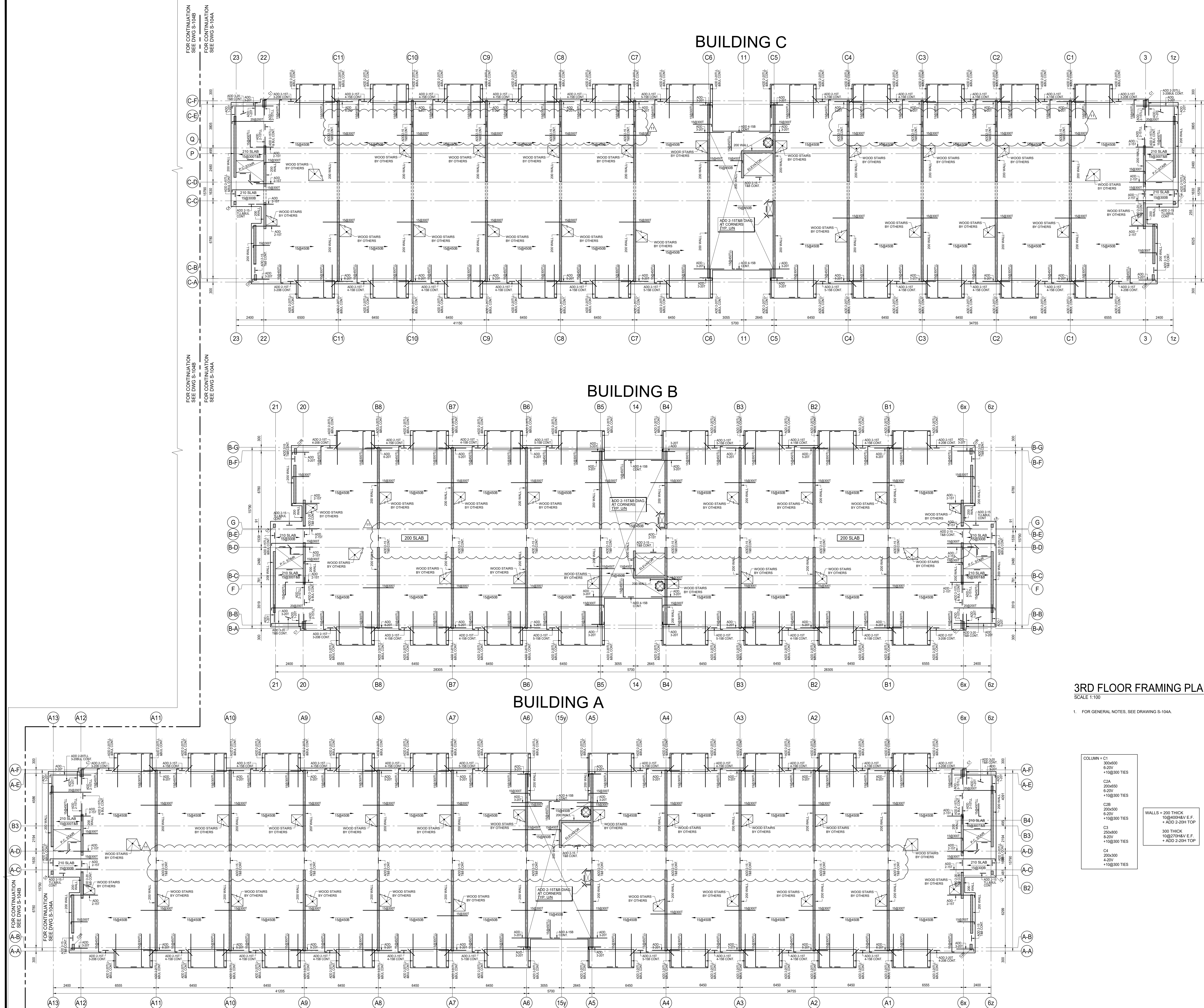


WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

SCALE 1:100

- S-104A



ISSUES		
No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
5.	2020-09-28	ISSUED FOR PERMIT
6.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
7.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
8.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
9.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
10.	2021-05-19	ISSUED FOR SITE INSTRUCTION #4
11.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
12.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

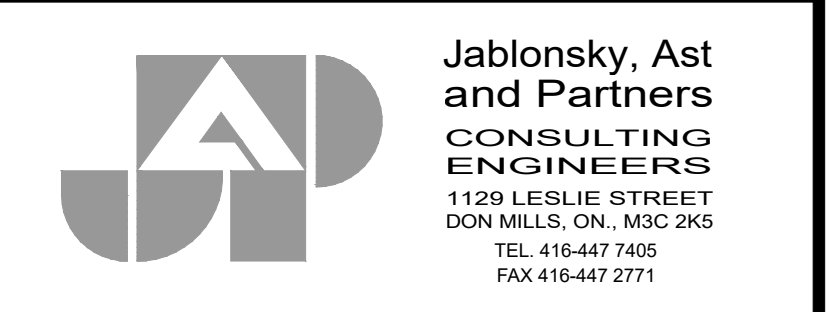
REVISIONS		
No.	DATE	DESCRIPTION
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.		
PRINTS ARE NOT TO BE SCALED.		

3RD FLOOR FRAMING PLAN
SCALE 1:100

1. FOR GENERAL NOTES, SEE DRAWING S-104A.

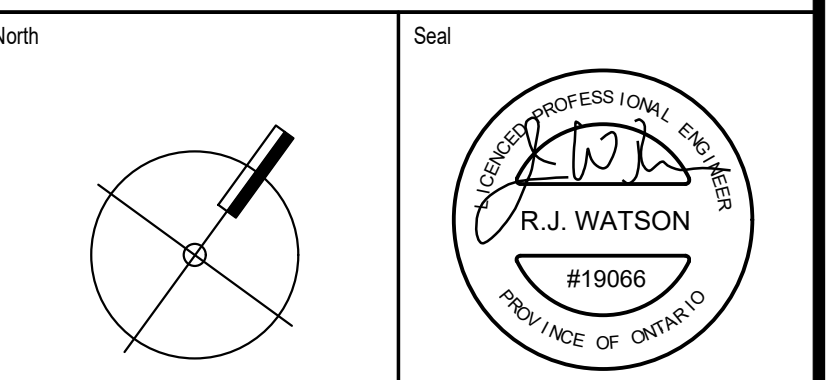
COLUMN - C1	
300x600	6-20V
10@300 TIES	
C2A	
200x450	6-20V
10@300 TIES	
C2B	
200x500	6-20V
10@300 TIES	
C3	
250x800	8-20V
10@300 TIES	
C4	
200x300	6-20V
10@300 TIES	

WALLS = 200 THICK
10@200H&V E.F.
+ ADD 2-20H TOP

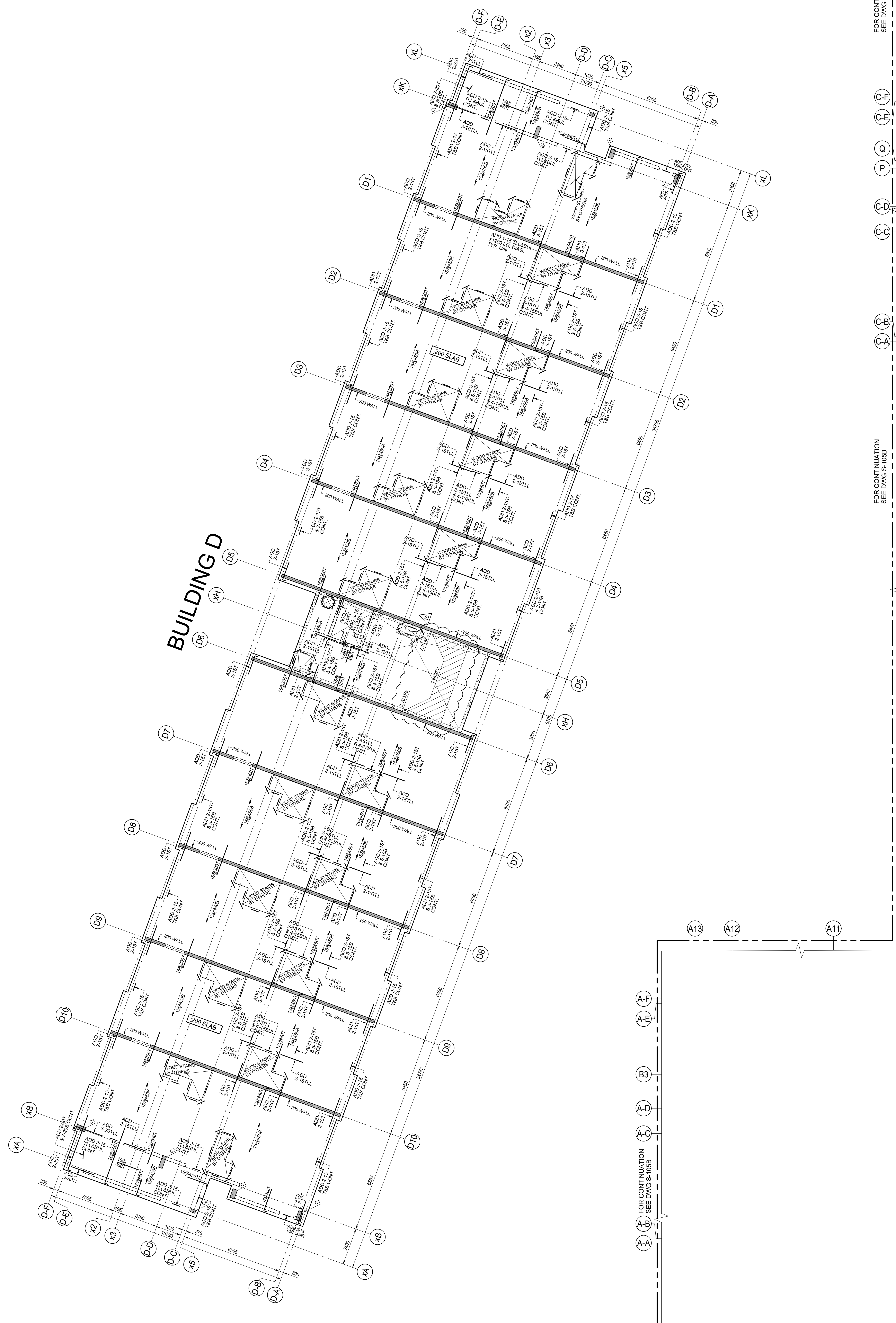


Job Title: FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title: 3RD FLOOR
BUILDINGS A, B, & C

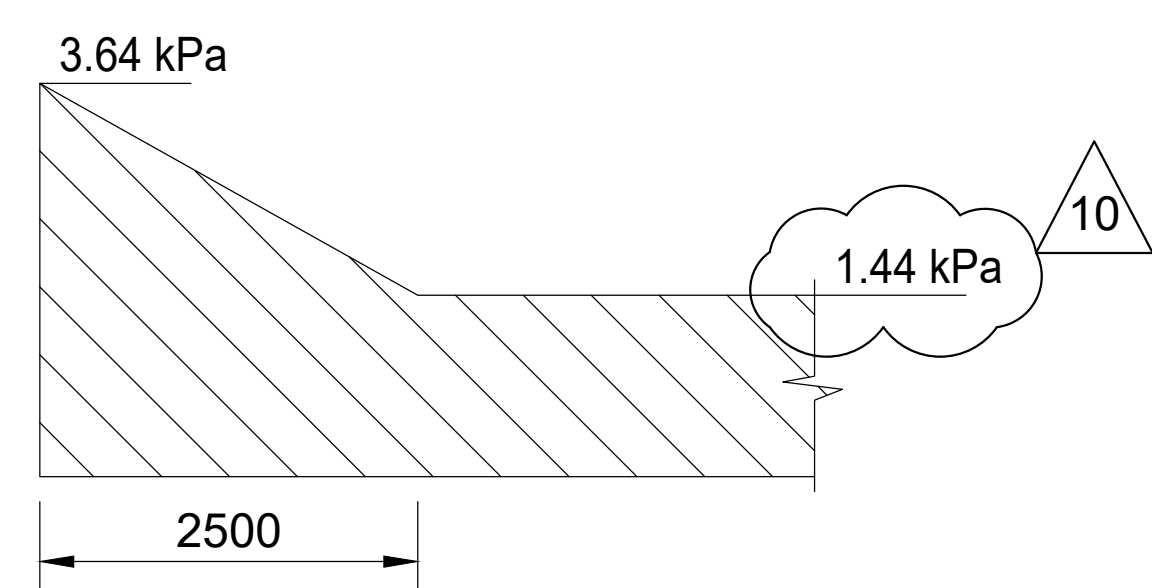


Date Plotted:	Date:	Nov 18 2021
Drawn By:	ND	Scale: 1 : 100
Checked By:	JW	Revision Number:
Job No:	19066	Sheet No: S-104B



FOR CONTINUATION
SEE DWG S-105B

FOR CONTINUATION
SEE DWG S-105B



TYPICAL ROOF SNOW
ACCUMULATION DIAGRAM

4TH FLOOR FRAMING PLAN
SCALE 1:100

- TOP OF ROUGH SLAB IS 0.0mm BELOW FINISHED FLOOR (DATUM EL. XXX.XXX) EXCEPT AS CROSSED AND NOTED ON PLAN.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
FOR WALLS AND COLUMNS 25 MPa
FOR SLABS 25 MPa
- CONCRETE STRENGTH EXPOSED TO WEATHER SHALL BE MIN 30 MPa WITH 6% TO 8% ENTRAINED AIR.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING:
200 SLAB IS 15@450
210 SLAB IS 18@300
- NO OPENINGS LARGER THAN 300mm x 300mm ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS.
- SEE GENERAL NOTES ON DRAWING S-001.
- SEE TYPICAL DETAILS DETAILS ON S-000 SERIES DRAWINGS.
- SEE COLUMN & WALL SCHEDULE ON THIS DRAWING.
- COORDINATE HEADER BEAM DEPTH AT DOOR OPENINGS WITH ARCHITECTURAL DRAWINGS.
- EXTEND TEMPERATURE REINFORCING TO END OF BALCONIES / OVERHANGS.
- TOP BARS TERMINATING AT EDGE OF SLAB TO HAVE 180 HOOK.
- REFER TO ARCHITECTURAL DRAWINGS FOR SLAB ELEVATIONS, SLOPES AND STEPS IN SLAB AND SLAB DEPRESSIONS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZE, LOCATION AND EXTENT OF CURBS. SEE TYPICAL DETAILS FOR REINFORCING.
- BPL 1 - 150x10x150 DENOTES ELEVATOR DIVIDER BEAM BASE PLATE WITH 2x10mm@ NELSON STU@ x 150LG. EACH END.

COLUMN = C1 300x600 6-20V +10@300 TIES
C2A 200x650 6-20V +10@300 TIES
C2B 200x500 6-20V +10@300 TIES
C3 250x800 8-20V +10@300 TIES
C4 200x300 4-20V +10@300 TIES

WALLS = 200 THICK.
10@400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-09-28	ISSUED FOR PERMIT
5.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
10.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
11.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
12.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

REVISIONS

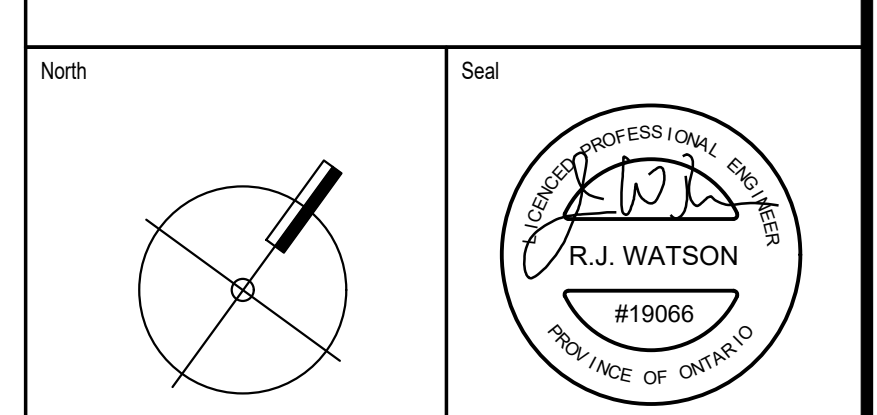
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PRINTS ARE NOT TO BE SCALED.



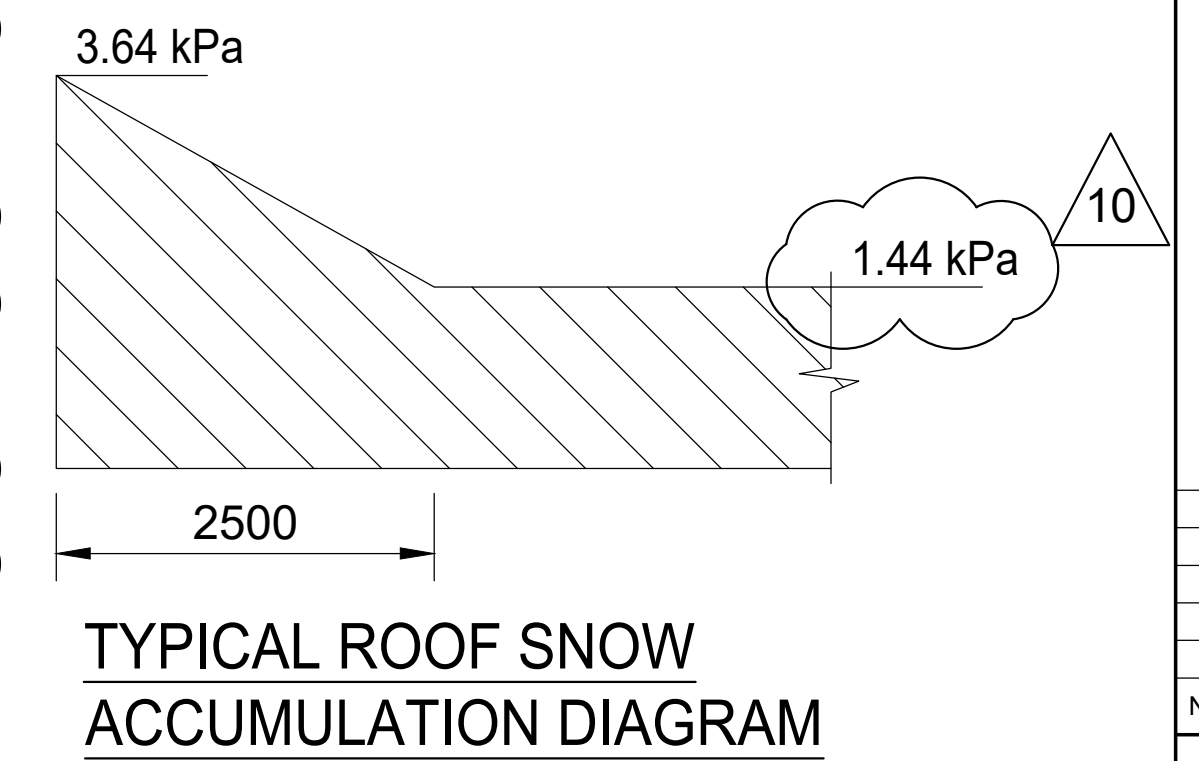
Job Title:
FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

4TH FLOOR
BUILDING D



Date Plotted:	Date:	Scale:	Revision Number:
Drawn By: ND	Sep 27 2021	1 : 100	
Checked By: JW			
Job No: 19066	Sheet No: S-105A		

Architectural floor plan of Building C, showing a long, narrow structure with multiple bays. The plan includes grid lines 23, 22, C11, C10, C9, C8, C7, C6, 11, C5, C4, C3, C2, C1, 3, and 12. It details various structural elements like walls, columns, and slabs, along with annotations for construction and material specifications. Key features include "200 SLAB" areas, "WOOD STAIRS BY OTHERS", and "WOOD STAIRS BY OTHERS". The plan is oriented with North at the top.

[illegible]

4TH FLOOR FRAMING PLAN

1. FOR GENERAL NOTES, SEE DRAWING S-105A.

ISSUES		
NO.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2020-01-28	ISSUED FOR TENDER ADDENDUM # 1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM # 3
4.	2020-09-28	ISSUED FOR PERMIT
5.	2021-02-22	ISSUED FOR TENDER ADDENDUM # 6
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-05-18	ISSUED FOR SITE INSTRUCTION # 4
10.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION # 2
11.	2021-07-29	ISSUED FOR PERMIT REVISION TO BUILDING D

No.	DATE	DESCRIPTION
REVISIONS		

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE
FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT
BEFORE COMMENCING THE WORK.

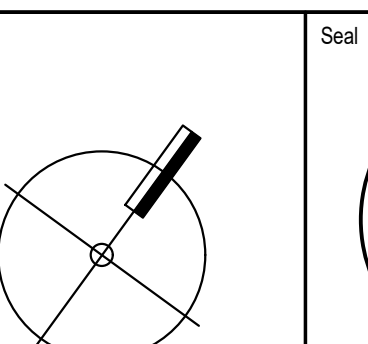
PRINTS ARE NOT TO BE SCALED.



**Lablonsky, Ast
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1129 LESLIE STREET
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FAX 416-447 2771

Job Title
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

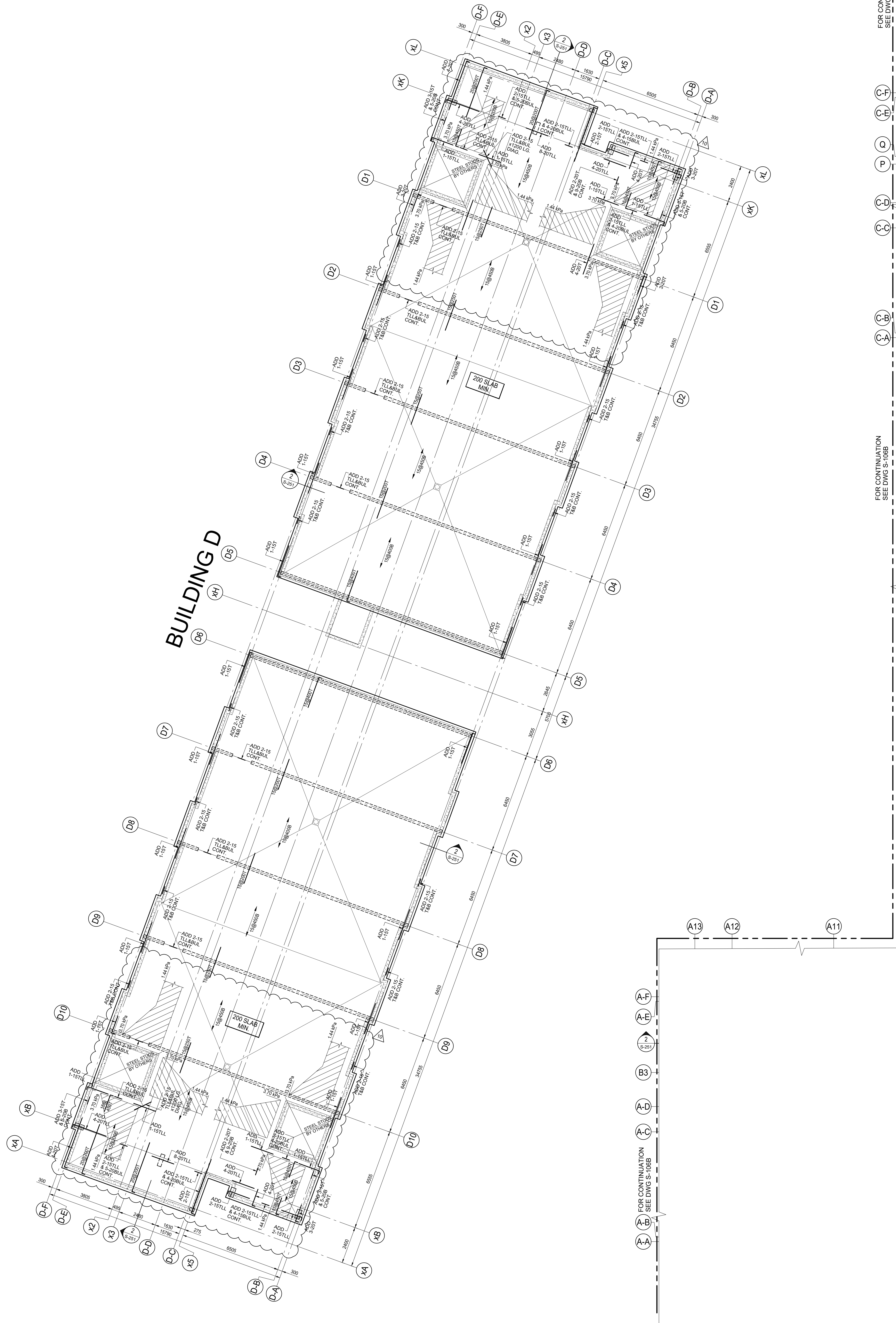
4TH FLOOR
BUILDINGS A, B, & C



Date Plotted	Date : Nov 18 2021
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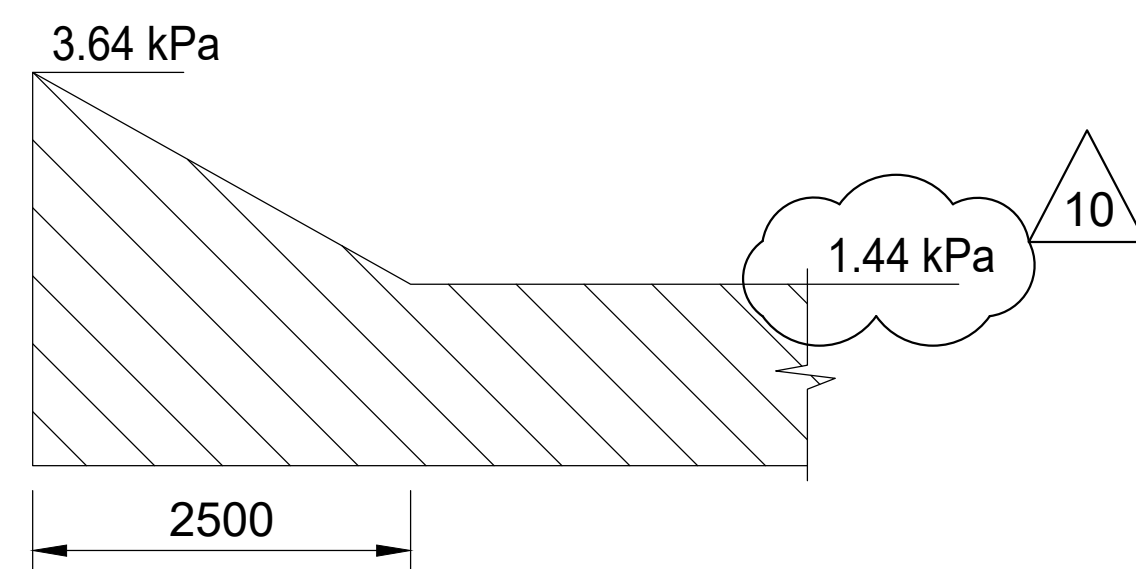
Checked By :	JW	Revision Number:
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19066	S-105B
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FOR CONTINUATION
SEE DWG S-108B

FOR CONTINUATION
SEE DWG S-108B



TYPICAL ROOF SNOW
ACCUMULATION DIAGRAM

ROOF FRAMING PLAN

SCALE 1:100

- TOP OF ROUGH SLAB IS 0.0mm BELOW FINISHED FLOOR (DATUM EL. XXX.XXX) EXCEPT AS CROSSED AND NOTED ON PLAN.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
FOR WALLS AND COLUMNS 25 MPa
FOR SLABS 25 MPa
- CONCRETE STRENGTH EXPOSED TO WEATHER SHALL BE MIN 30 MPa WITH 6% TO 8% ENTRAINED AIR.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING:
200 SLAB IS 15@450
300 SLAB IS 15@330
- NO OPENINGS LARGER THAN 300mm x 300mm ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
- SEE GENERAL NOTES ON DRAWING S-001.
- SEE TYPICAL DETAILS DETAILS ON S-000 SERIES DRAWINGS.
- SEE COLUMN & WALL SCHEDULE ON THIS DRAWING.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT SIZE, LOCATION AND EXTENT OF CURBS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZE, LOCATION AND EXTENT OF CURBS. SEE TYPICAL DETAILS FOR REINFORCEMENT.

COLUMN = C1 300x600 6-20V +10@300 TIES
C2A 200x650 6-20V +10@300 TIES
C2B 200x500 6-20V +10@300 TIES
C3 250x800 8-20V +10@300 TIES
C4 200x300 4-20V +10@300 TIES

WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

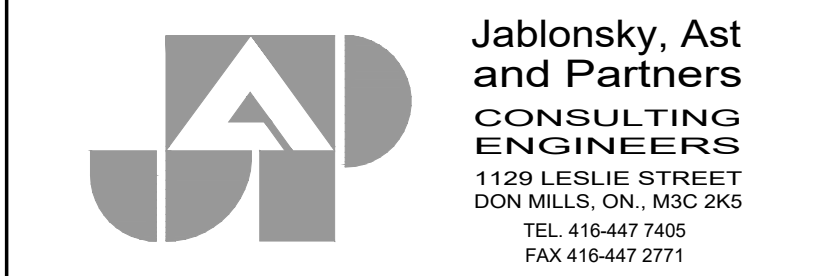
ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-09-28	ISSUED FOR PERMIT
5.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-05-07	ISSUED FOR SITE INSTRUCTION #3
10.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
11.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
12.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

REVISIONS

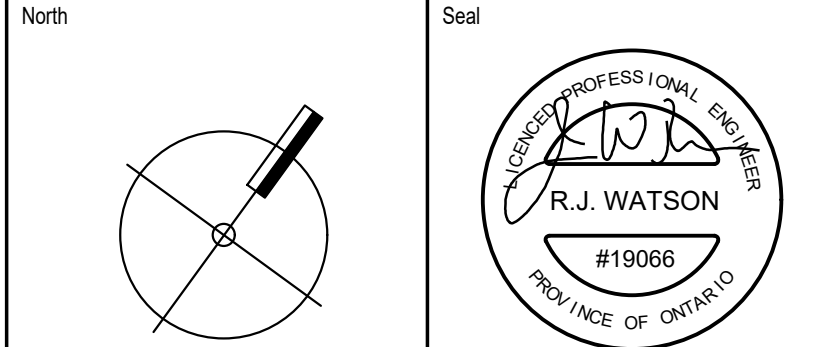
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.

PRINTS ARE NOT TO BE SCALED.



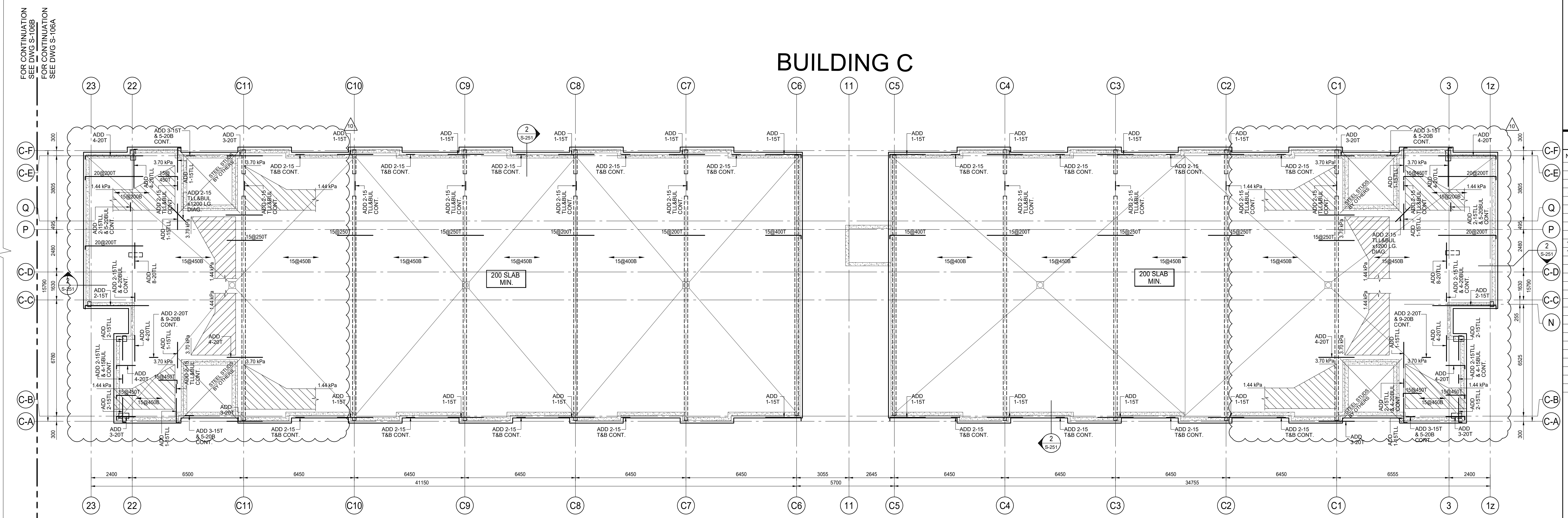
Job Title:
FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

ROOF BUILDING D

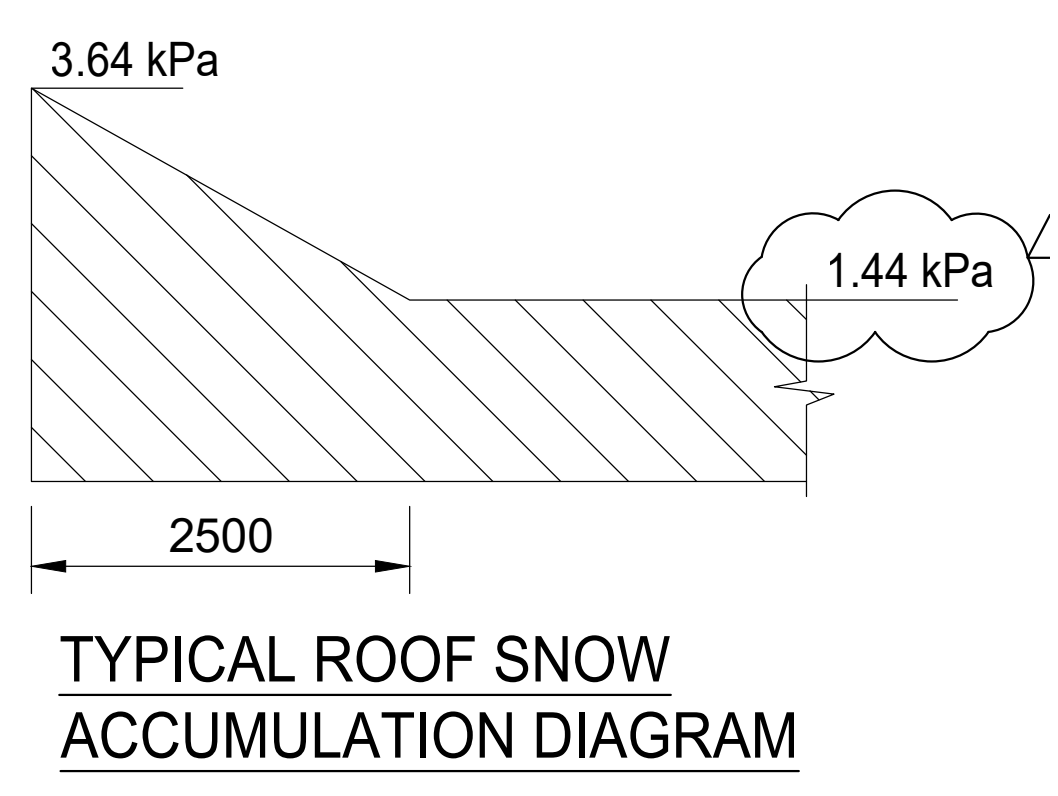
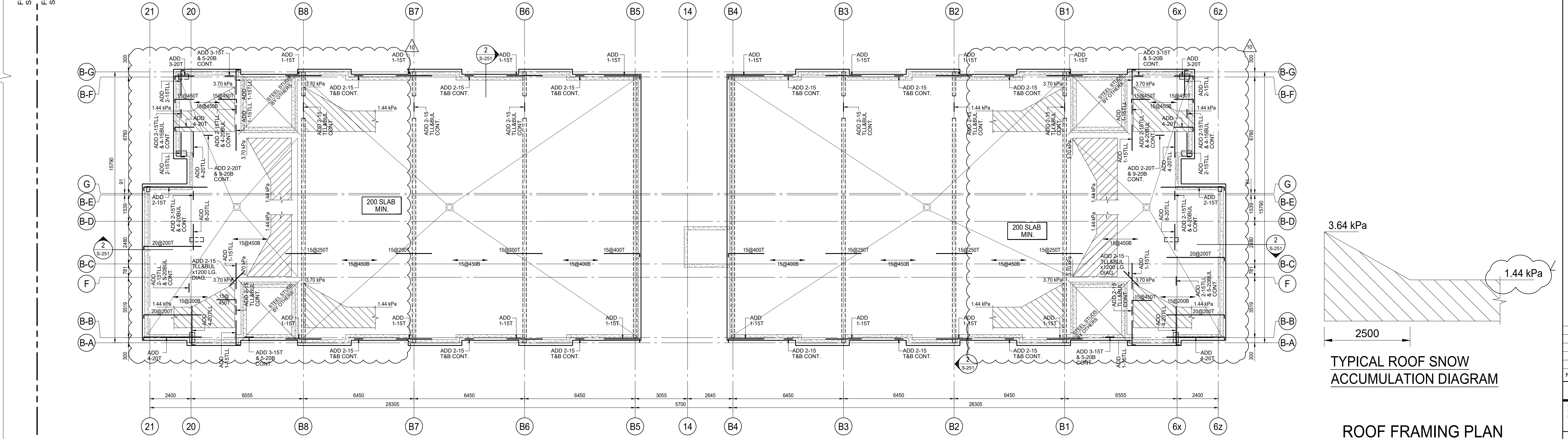


Date Plotted	Date:	Sep 27 2021
Drawn By:	ND	Scale: 1 : 100
Checked By:	JW	Revision Number:
Job No:	19066	Sheet No: S-106A

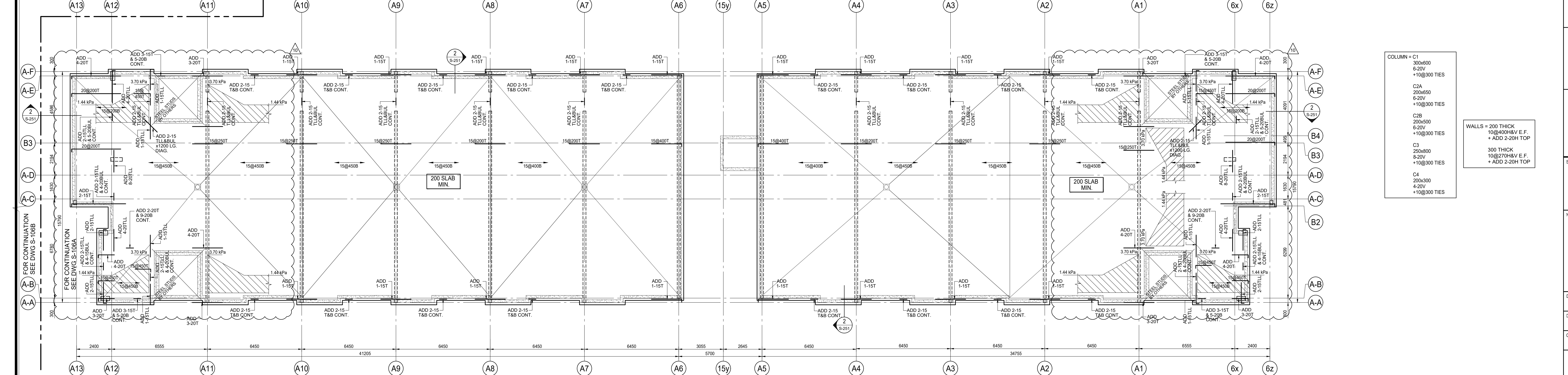
BUILDING C



BUILDING B



BUILDING A



COLUMN - C1

300x600
6-20V
+10@300 TIES

C2A

200x650
6-20V
+10@300 TIES

C2B

200x500
6-20V
+10@300 TIES

C3

200x800
8-20V
+10@300 TIES

C4

200x300
6-20V
+10@300 TIES

WALLS = 200 THICK
10@400H&V E.F.
+ ADD 2-20H TOP

300 THICK
10@270H&V E.F.
+ ADD 2-20H TOP

ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
4.	2020-09-28	ISSUED FOR PERMIT
5.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
10.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
11.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

REVISIONS

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.

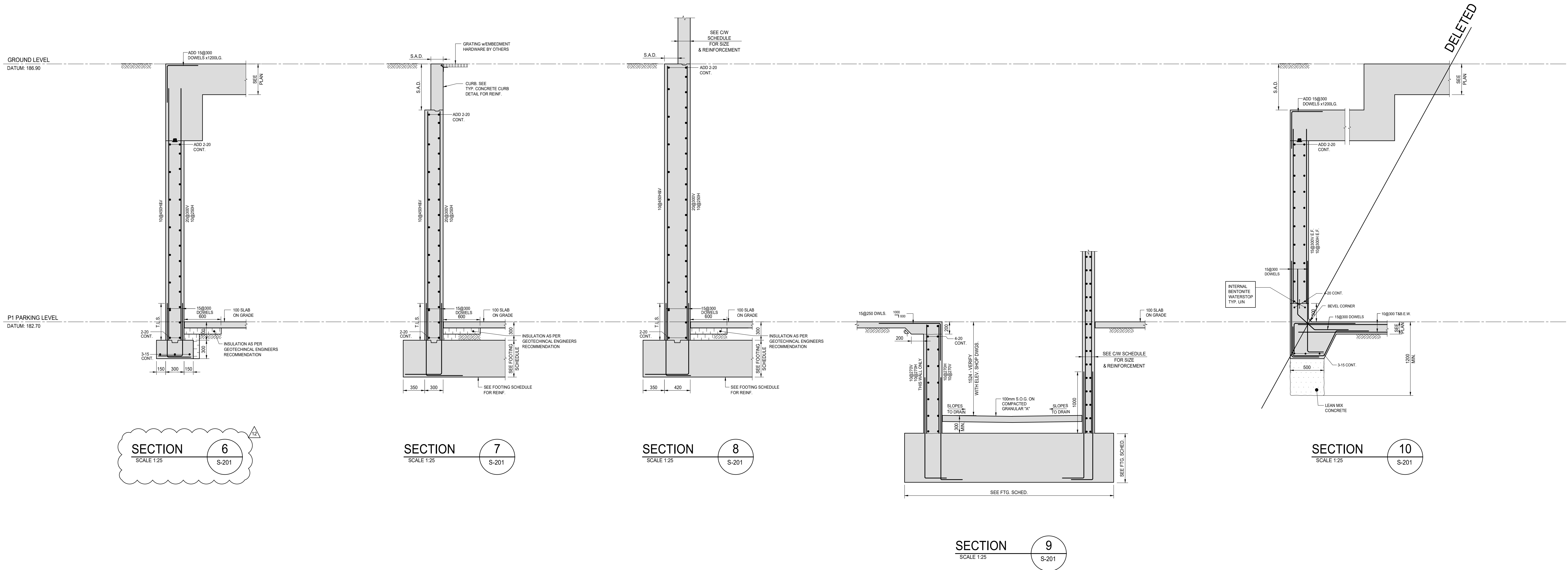
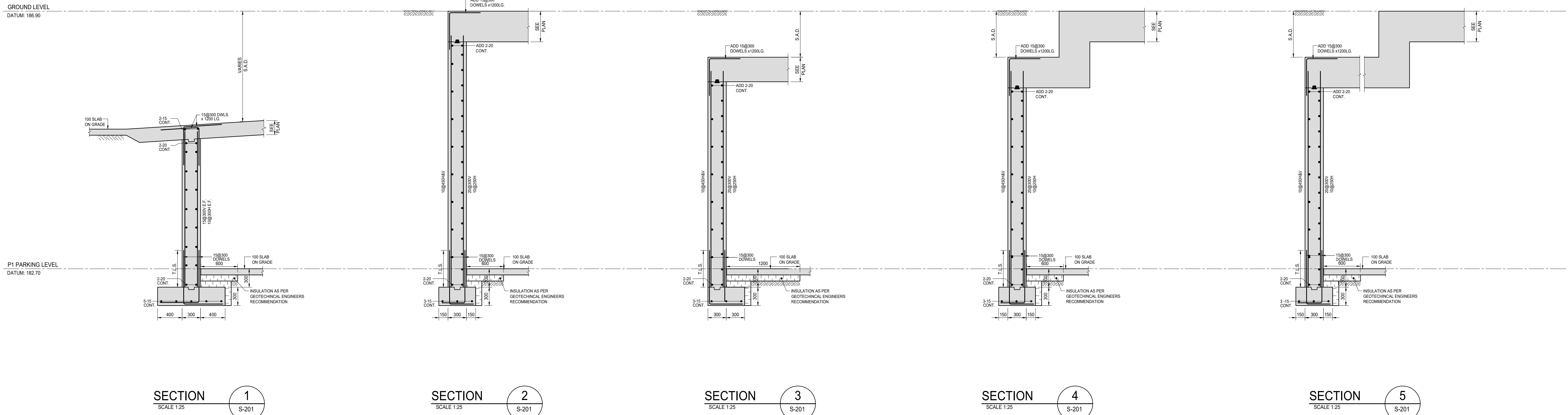
PRINTS ARE NOT TO BE SCALED.



Job Title: FORETSIDE TOWNHOUSES TORONTO, ONTARIO

ROOF BUILDINGS A, B, & C

North	Seal
Date Plotted	Date: Nov 18 2021
Drawn By: ND	Scale: 1 : 100
Checked By: JW	Revision Number:
Job No: 19066	Sheet No: S-106B

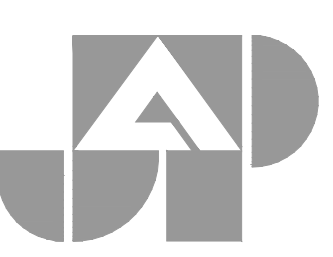


ISSUES

No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
3.	2020-05-07	ISSUED FOR TENDER ADDENDUM #4
4.	2020-09-28	ISSUED FOR PERMIT
5.	2021-02-22	ISSUED FOR TENDER ADDENDUM #6
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-05-18	ISSUED FOR SITE INSTRUCTION #4
10.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
11.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D
12.	2021-12-13	ISSUED FOR SITE INSTRUCTION #8

REVISIONS

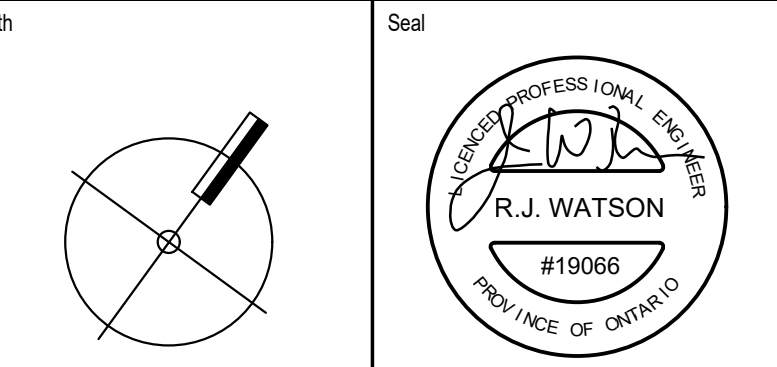
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.
PRINTS ARE NOT TO BE SCALED.



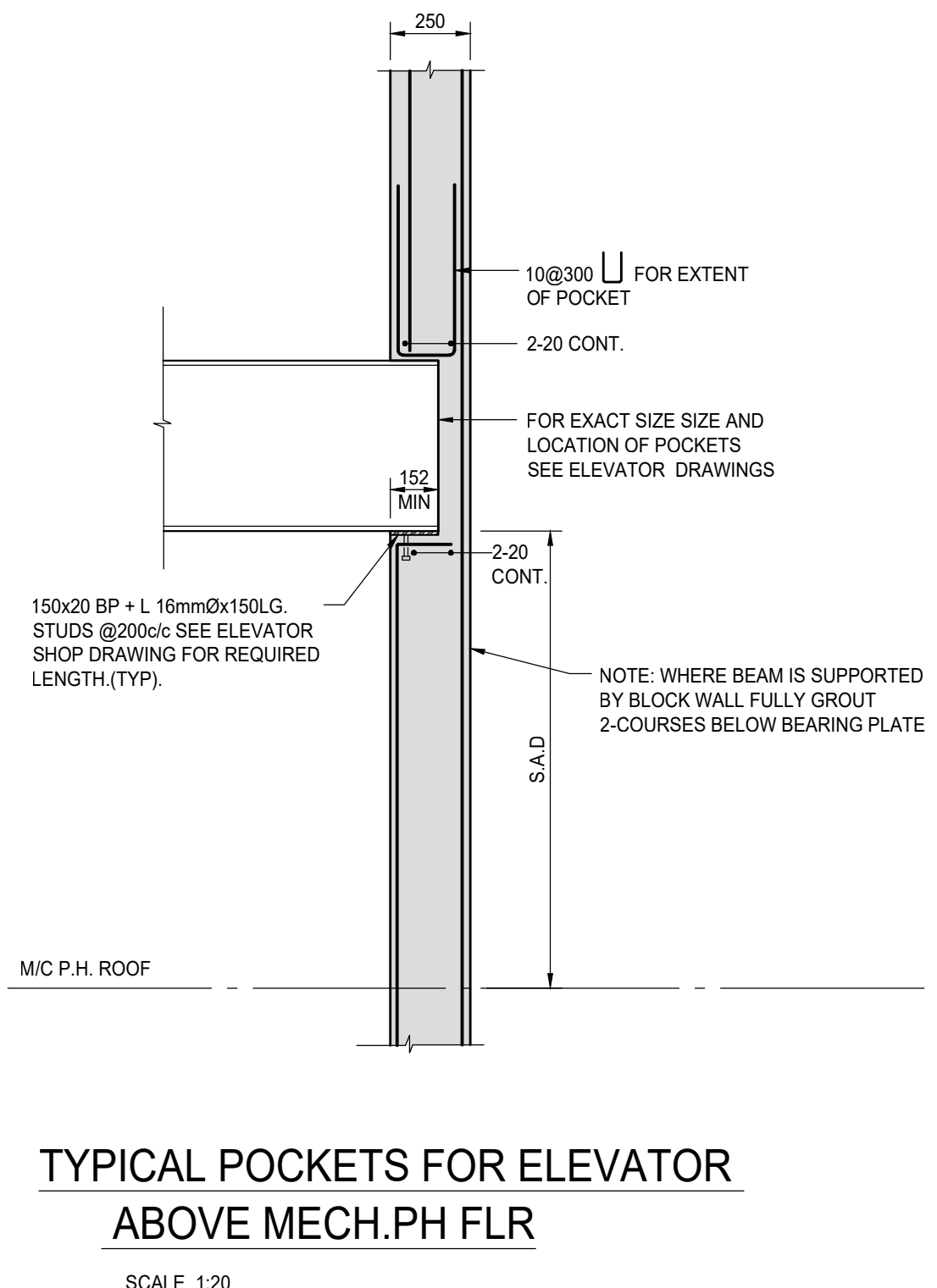
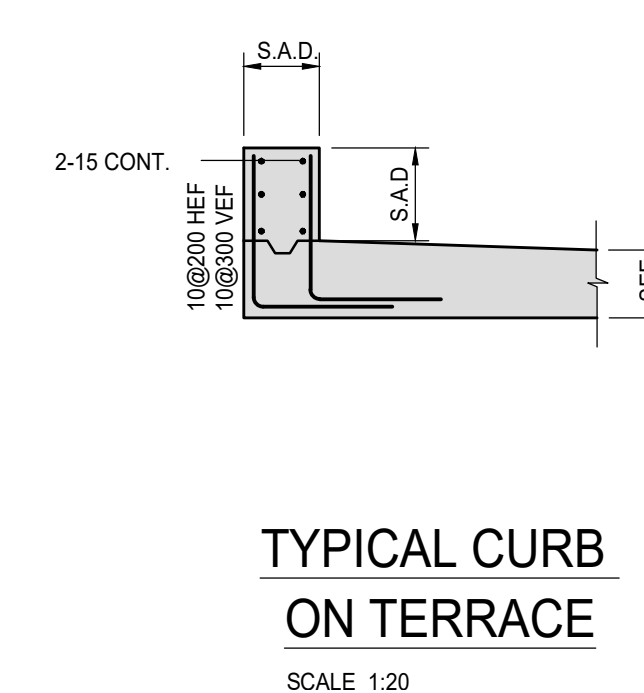
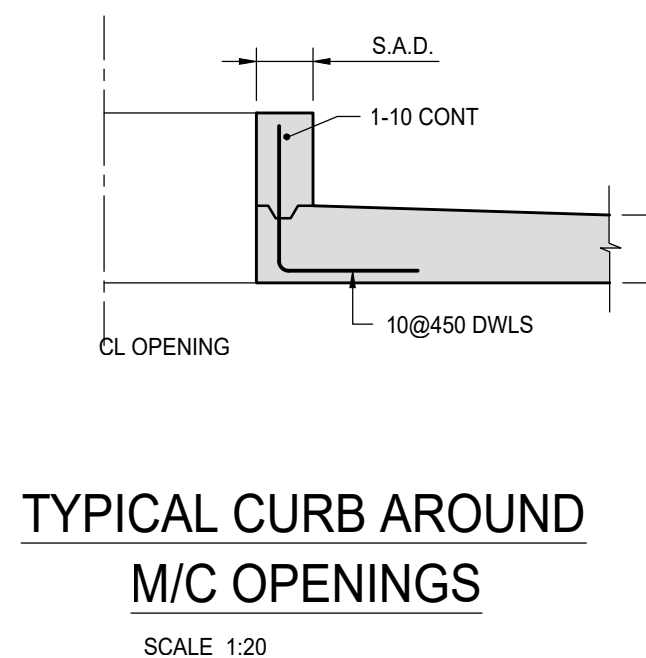
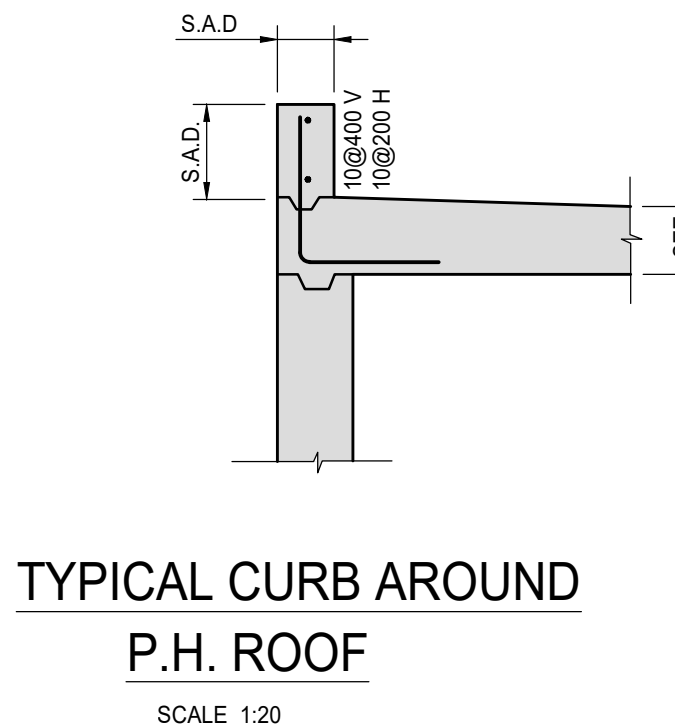
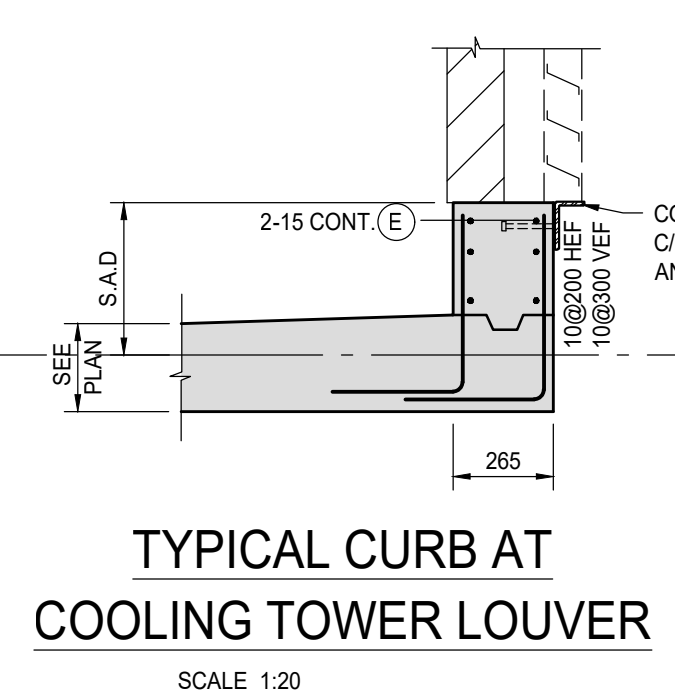
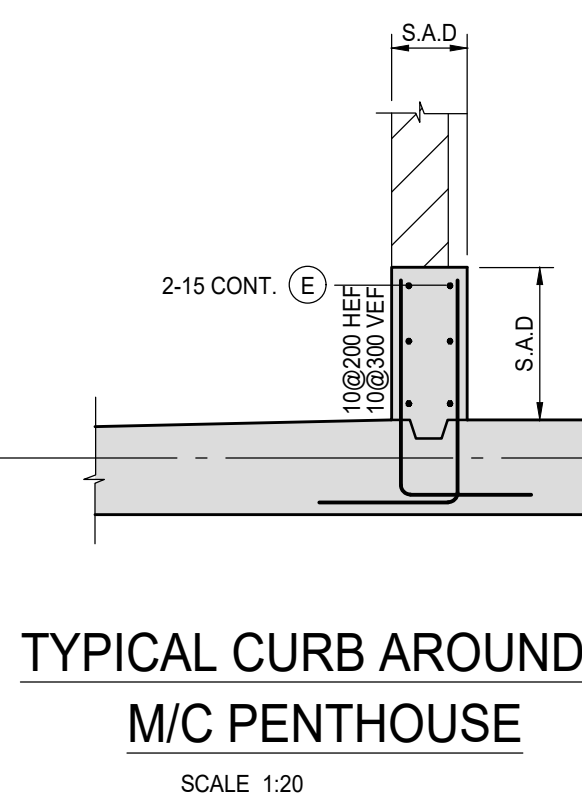
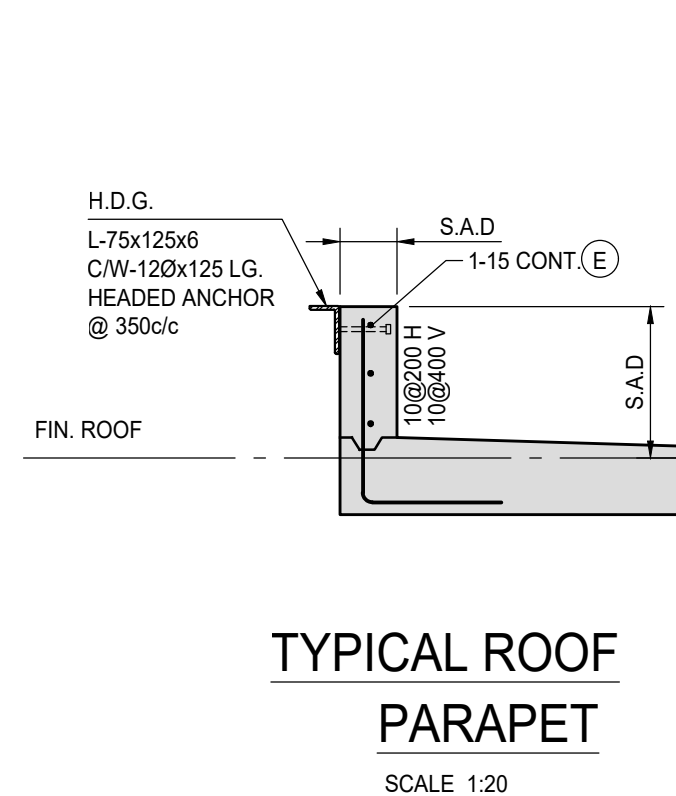
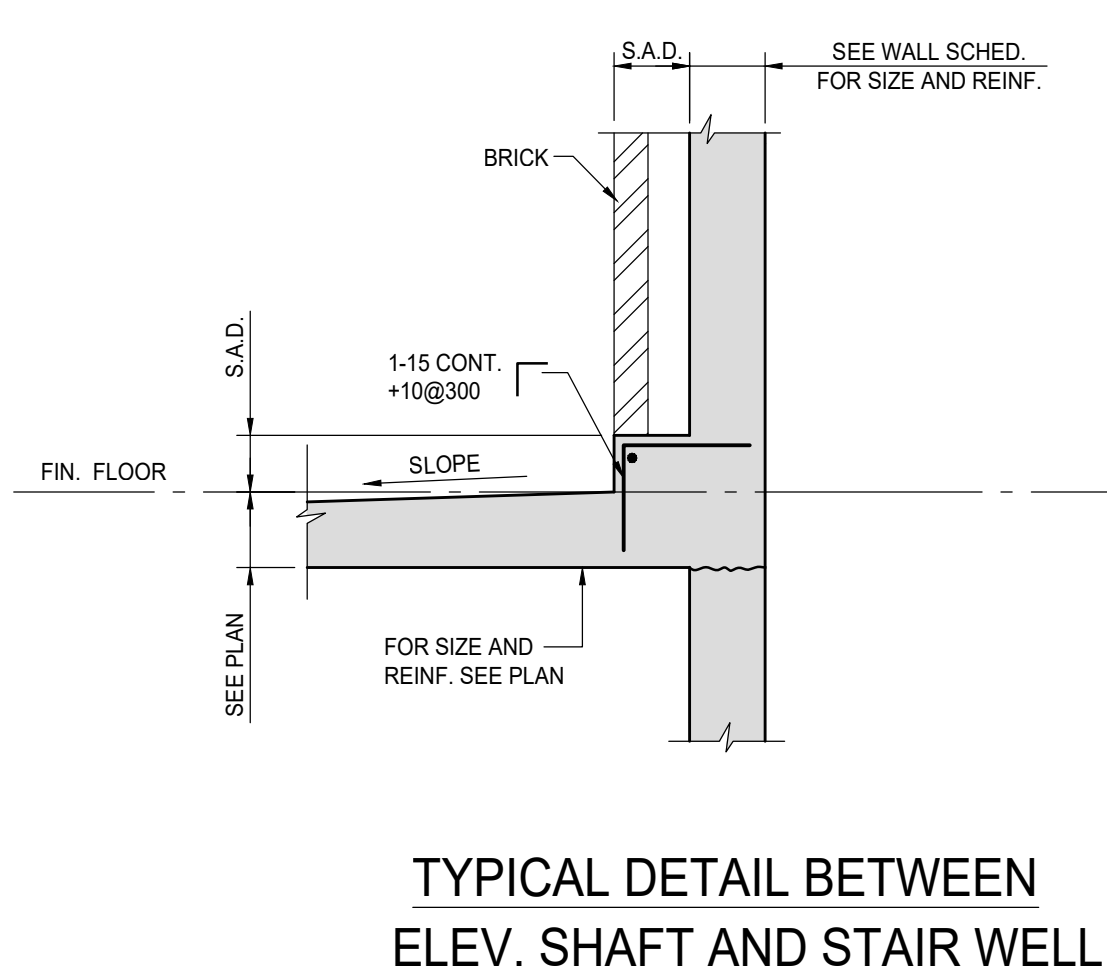
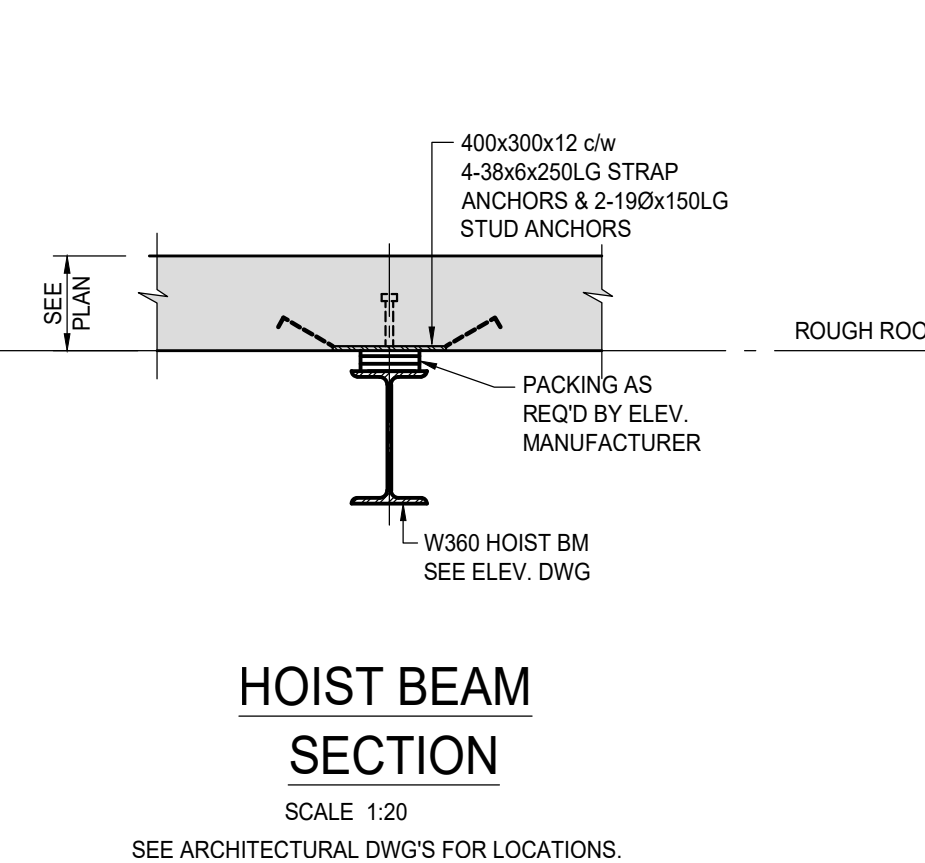
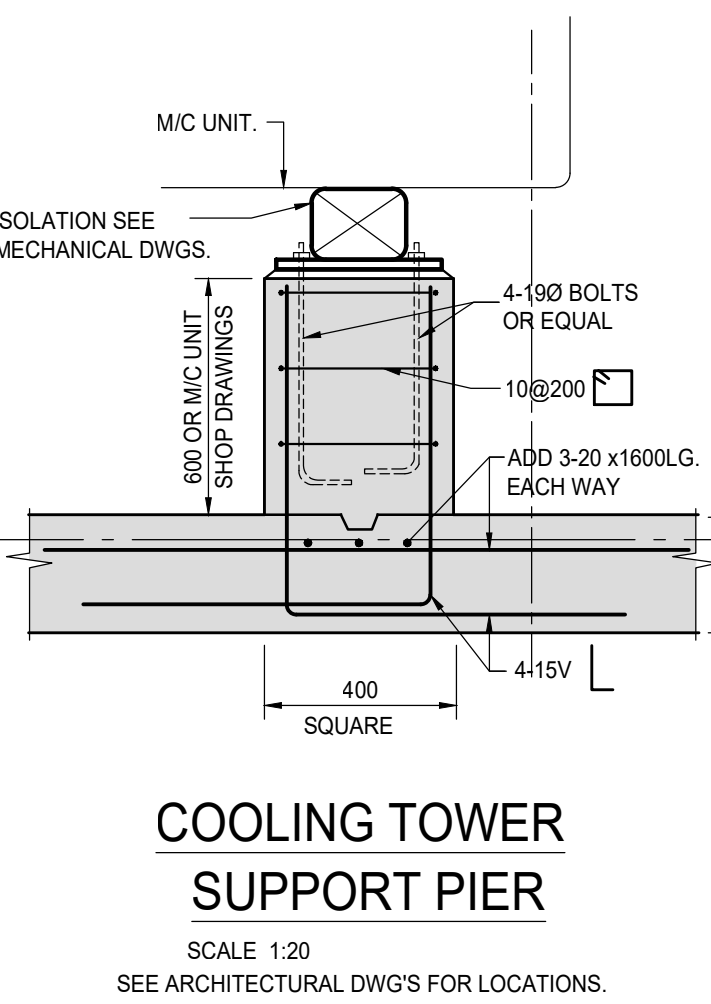
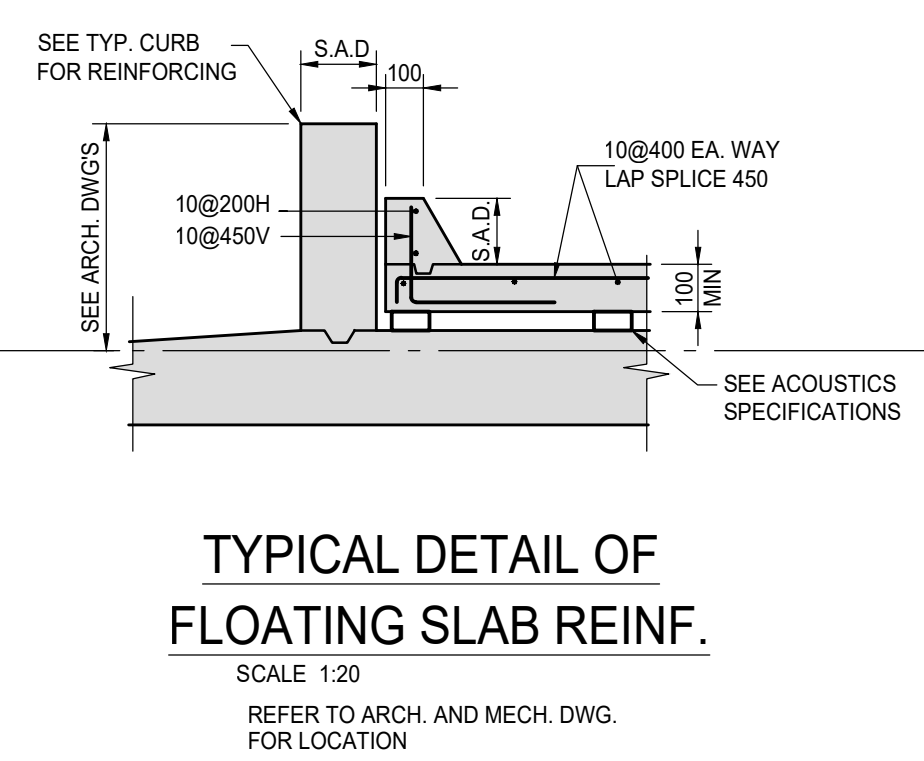
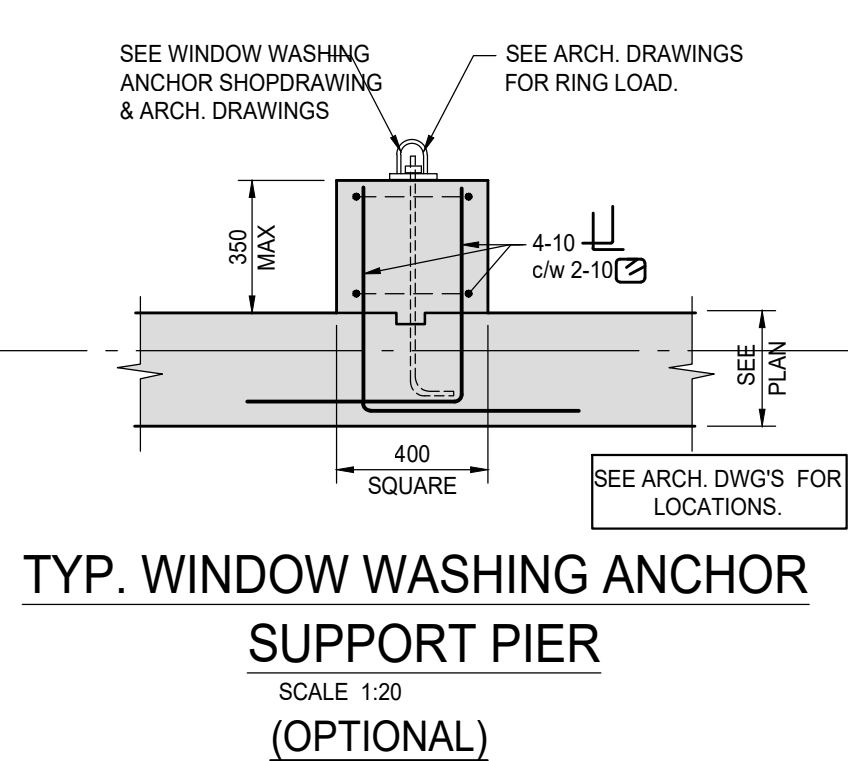
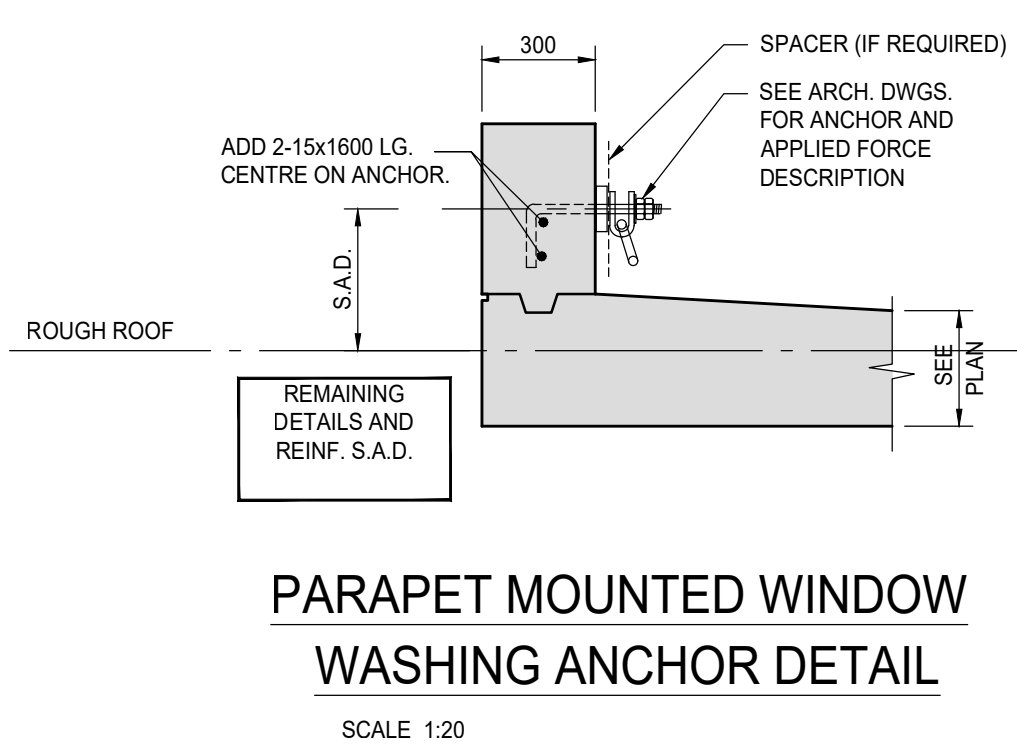
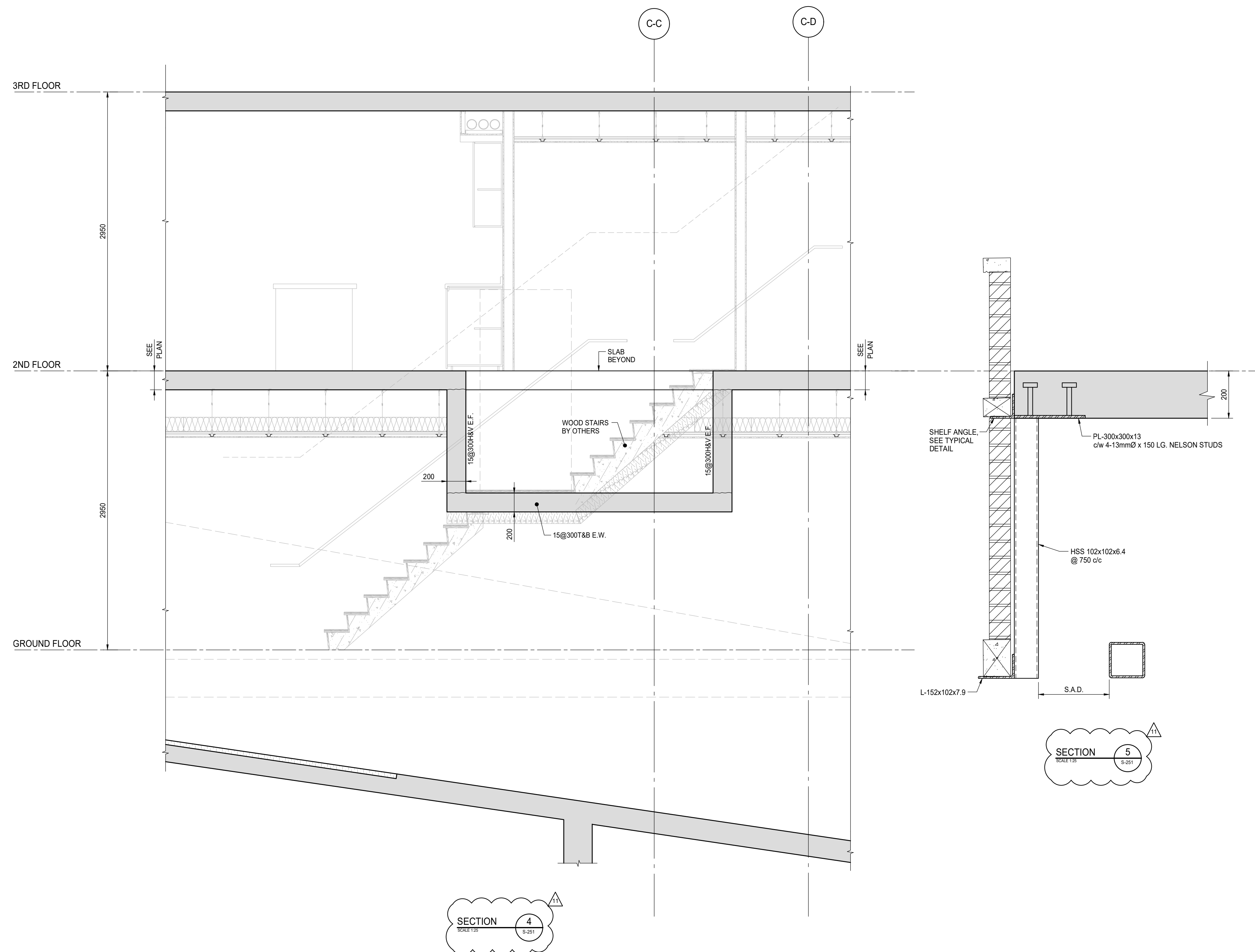
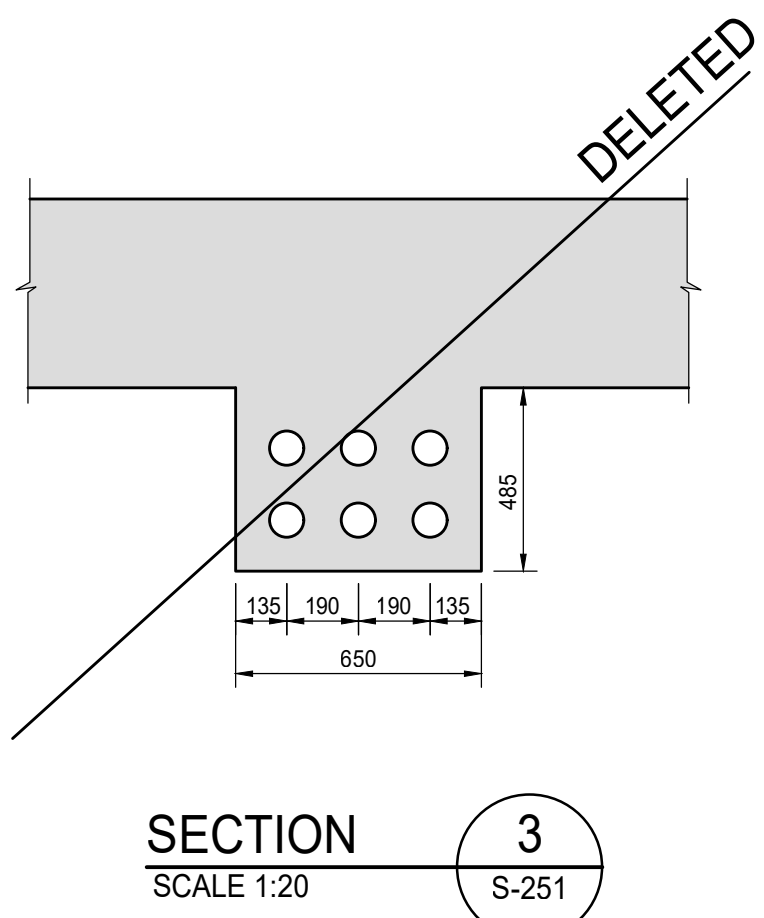
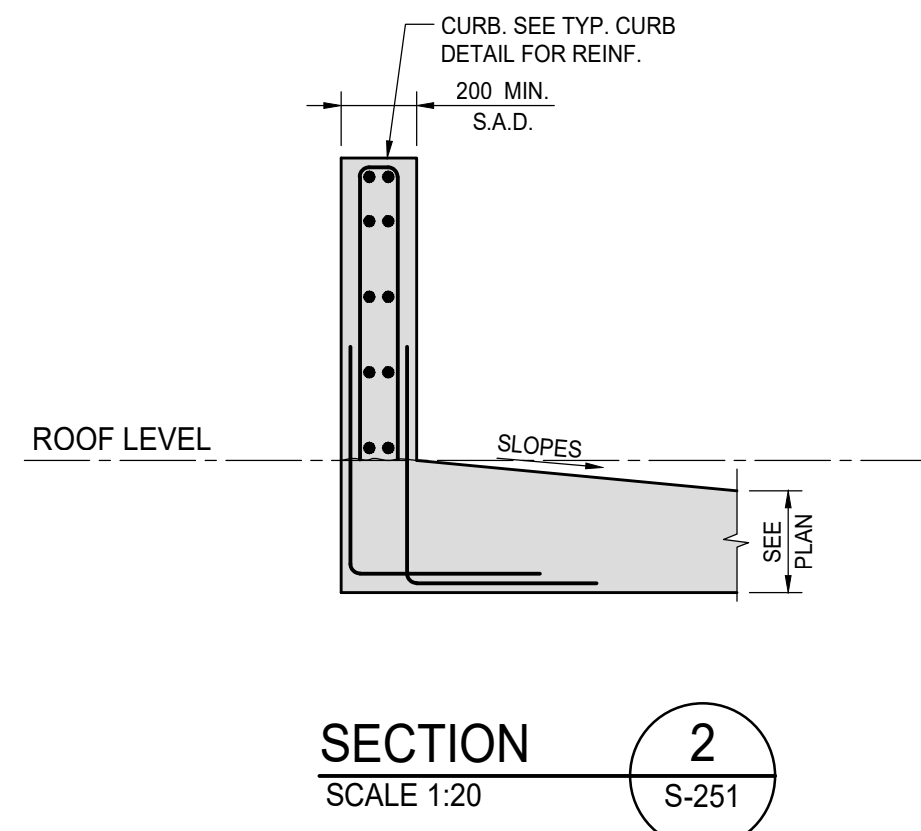
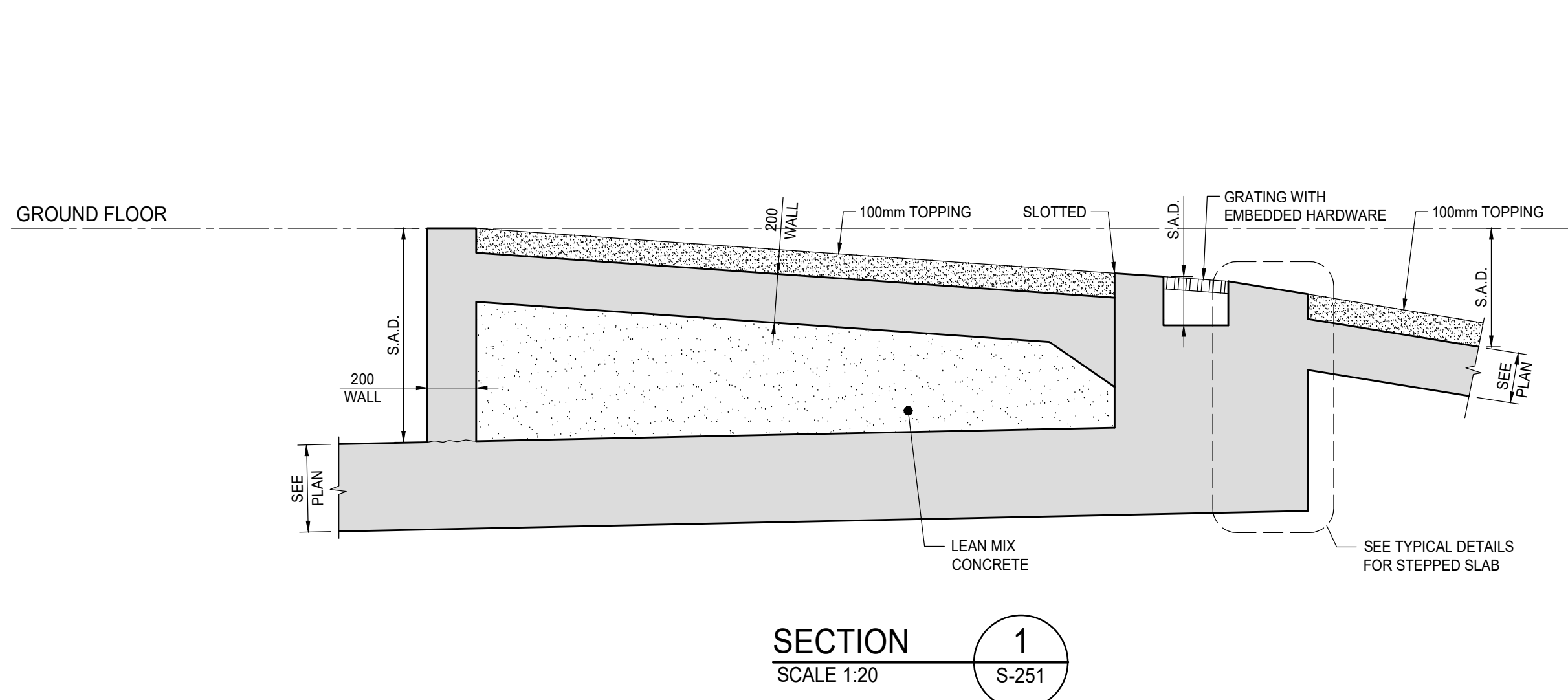
Jablonsky, Ast
and Partners
CONSULTING
ENGINEERS
1120 LESLIE STREET
DON MILLS, ON M3C 2K5
TEL: 416-447-1400
FAX: 416-447-2771

Job Title:
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

FOUNDATION
SECTIONS

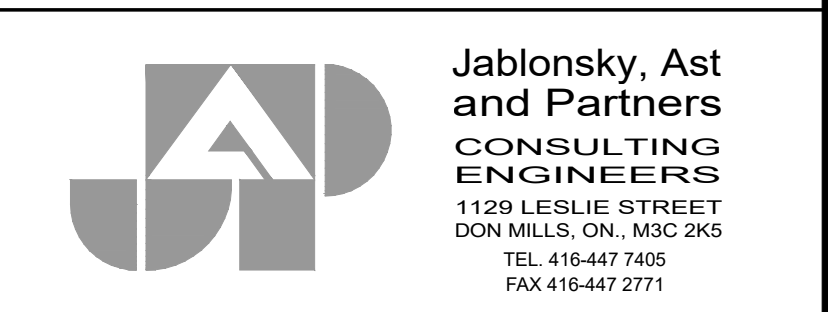


Date Plotted:	Date:	Dec 15 2021
Drawn By:	ND	Scale: 1 : 25
Checked By:	JW	Revision Number:
Job No:	19066	Sheet No: S-201



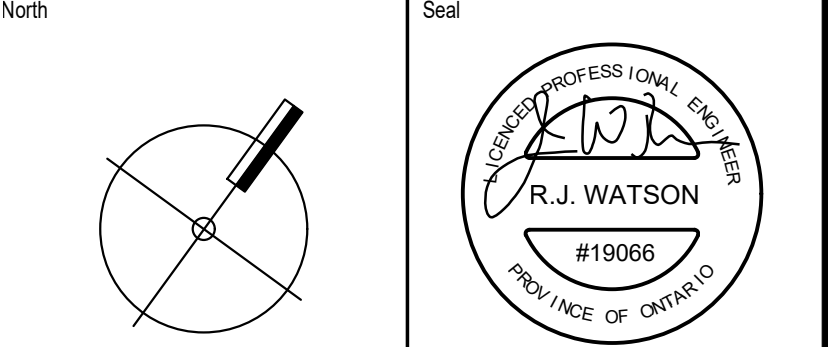
ISSUES		
No.	DATE	DESCRIPTION
1.	2019-08-02	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM #1
3.	2019-09-12	ISSUED FOR TENDER ADDENDUM #2
4.	2020-01-31	ISSUED FOR TENDER ADDENDUM #3
5.	2020-09-28	ISSUED FOR PERMIT
6.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
7.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
8.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
9.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION #2
10.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D
11.	2021-12-13	ISSUED FOR SITE INSTRUCTION #5

REVISIONS		
No.	DATE	DESCRIPTION
CONTRACTORS MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.		
PRINTS ARE NOT TO BE SCALED.		



Job Title:
FORETSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title:
FLOOR SECTIONS



Date Plotted:	Date:	Dec 15 2021
Drawn By:	ND	Scale: 1 : 20
Checked By:	JW	Revision Number:
Job No:	19066	Sheet No: S-251

FTG. MARK	BASE		CAP		REINFORCING		CAP REIN.	REMARKS
	WIDTH	DEPTH	WIDTH	DEPTH	BOTTOM EACH WAY	TOP EACH WAY		
F 1	3300 x 2700	600			13-20 L.W. 10-25 S.W.			
F 2	3800 x 3200	600			12-15 L.W. 15-15 S.W.			
F 3	6300 x 3350	600			13-15 L.W. 24-15 S.W.			
F 4	7450 x 3350	300			13-15 L.W. 28-15 S.W.			
F 5	7950 x 3350	300			13-15 L.W. 30-15 S.W.			
F 6	5800 x 3350	300			13-15 L.W. 22-15 S.W.			
F 7	5300 x 2900	600			9-25 L.W. 16-25 S.W.			
SF 1	600	300			3-15 L.W. 15@250 S.W.			
SF 2	1300	300			5-15 L.W. 15@250 S.W.			
SF 3	1100	300			5-15 L.W. 15@250 S.W.			
SF 4					D E L E T E D			
SF 5					D E L E T E D			
MAT 1	SEE PLAN	600			25@300 B.E.W.	25@300 T.E.W.		
MAT 2	SEE PLAN	600			25@300 B.E.W.	25@300 T.E.W.		
MAT 3	SEE PLAN	300			20@300 B.E.W.	20@300 T.E.W.		
MAT 4	SEE PLAN	300			20@300 B.E.W.	20@300 T.E.W.		
MAT 5	SEE PLAN	600			25@300 B.E.W.	25@300 T.E.W.		
MAT 6	SEE PLAN	600			25@300 B.E.W.	25@300 T.E.W.		
MAT 7	SEE PLAN	600			25@300 B.E.W.	25@300 T.E.W.		

NOTE:

1. FOOTING DIMENSION GIVEN FIRST IS IN LONG DIRECTION.
2. THE LONGEST DIMENSION OF THE FOOTING IS PARALLEL TO THE LONGEST DIMENSION OF THE COLUMN UNLESS NOTED ON PLAN.
3. L.W. DENOTES LONG WAY
4. S.W. DENOTES SHORT WAY
5. ALL BOTTOM BARS TO BE HOOKED

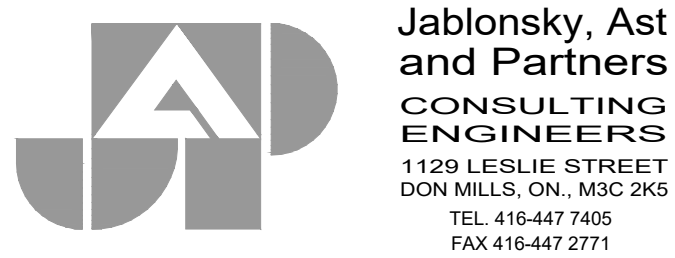
ISSUES		
No.	DATE	DESCRIPTION
1.	2019-08-62	ISSUED FOR TENDER
2.	2019-08-28	ISSUED FOR TENDER ADDENDUM # 1
3.	2019-09-12	ISSUED FOR TENDER ADDENDUM # 2
4.	2020-05-07	ISSUED FOR TENDER ADDENDUM # 4
5.	2020-09-28	ISSUED FOR PERMIT
6.	2021-02-22	ISSUED FOR TENDER ADDENDUM # 6
7.	2021-03-03	ISSUED FOR PERMIT BUILDINGS A, B, C, D
8.	2021-03-25	ISSUED FOR PROGRESSIVE CONSTRUCTION
9.	2021-03-25	ISSUED FOR PERMIT BUILDINGS A, B, C, D
10.	2021-06-15	ISSUED FOR PROGRESSIVE CONSTRUCTION # 2
11.	2021-09-27	ISSUED FOR PERMIT REVISION TO BUILDING D

No.	DATE	DESCRIPTION
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REVISIONS

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE
FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT
BEFORE COMMENCING THE WORK.

PRINTS ARE NOT TO BE SCALED.



Job Title
FORESTSIDE TOWNHOUSES
TORONTO, ONTARIO

Sheet Title

FOOTING SCHEDULE

North 	Seal 
Date Plotted	Date: Sep 27 2021
Drawn By: ND	Scale: 1" = 100'
Checked By: JW	Revision Number:
Job No: 19066	Sheet No: S-301