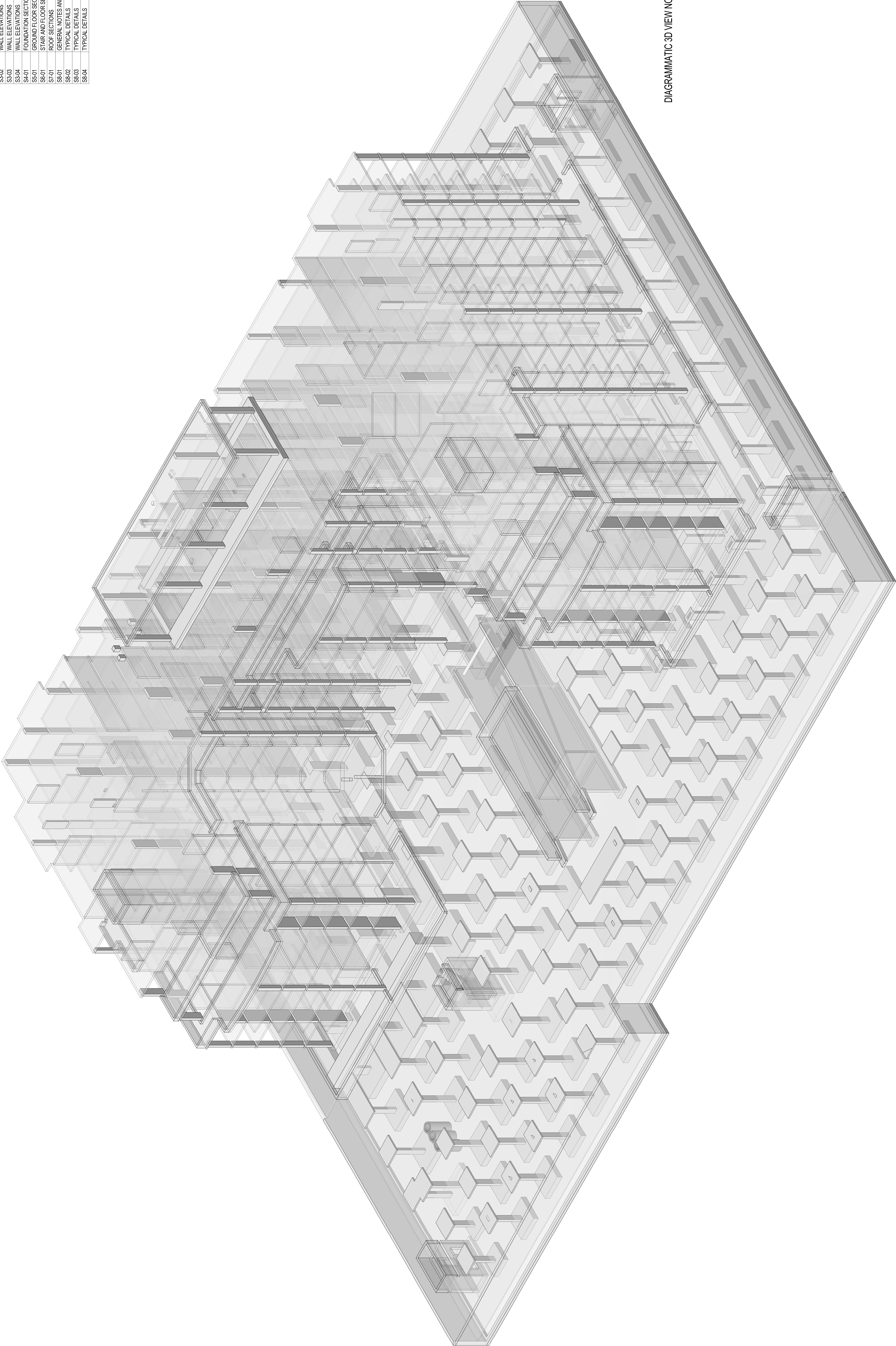


THE CONTRACTOR SHALL CHECK ALL
CONSTRUCTION DETAILS FOR
ARCHITECTURAL, MECHANICAL AND ELECTRICAL
COORDINATION. ANY DISCREPANCIES SHALL BE
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR PERMIT
2	MAY 18 2016	ISSUED FOR PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 18 2017	ISSUED FOR FOUNDATION PERMIT
5	MAY 18 2017	ISSUED FOR FOUNDATION PERMIT
6	MAY 18 2017	ISSUED FOR FOUNDATION PERMIT
7	MAY 18 2017	ISSUED FOR FOUNDATION PERMIT
8	MAY 18 2017	ISSUED FOR SITE INSTRUCTION H-1
9	MAY 18 2017	ISSUED FOR SITE INSTRUCTION H-1
10	MAY 18 2017	ISSUED FOR SITE INSTRUCTION H-1

DRAWING LIST

Sheet Number	Sheet Name
S0-01	COVER SHEET
S0-02	GENERAL AND PLAN NOTES
S1-01	FOUNDATION PLAN
S1-02	GROUND FLOOR FRAMING PLAN
S1-02A	GARAGE ROOF SHEAR REINFORCEMENT PLAN
S1-03	2ND FLOOR FRAMING PLAN
S1-04	3RD - 5TH FLOORS FRAMING PLAN
S1-05	6TH FLOOR FRAMING PLAN
S1-06	7TH FLOOR FRAMING PLAN
S1-07	ROOF FRAMING PLAN
S1-08	ROOF FRAMING PLAN
S2-01	PARKING COLUMN SCHEDULE
S2-02	TOWER COLUMN SCHEDULE
S2-03	BEAM SCHEDULE
S3-01	WALL ELEVATIONS
S3-02	WALL ELEVATIONS
S3-03	WALL ELEVATIONS
S3-04	WALL ELEVATIONS
S4-01	FOUNDATION SECTIONS
S5-01	GROUND FLOOR SECTIONS
S6-01	STAIR AND FLOOR SECTIONS
S7-01	ROOF SECTIONS
S8-01	SECTION DETAILS AND TYPICAL DETAILS
S8-02	TYPICAL DETAILS
S8-03	TYPICAL DETAILS
S8-04	TYPICAL DETAILS



DIAGRAMMATIC 3D VIEW NOT TO BE USED FOR CONSTRUCTION

1	MAR 18 2016	ISSUED FOR TENDER
2	DEC 28 2016	ISSUED FOR BUILDING PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	JUN 15 2017	STRUCTURAL ADDENDUM#1
10	JUL 19 2017	IFC - ABOVE GRADE LEVELS
12	AUG 24 2017	ISSUED FOR SITE INSTRUCTION #4
13	SEP 12 2017	ISSUED FOR SITE INSTRUCTION #5



PROPOSED RESIDENTIAL DEVELOPMENT

25 BAKER HILL BLVD.

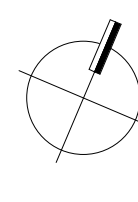
ROYAL PINES HOMES

STOUFFVILLE

ONTARIO

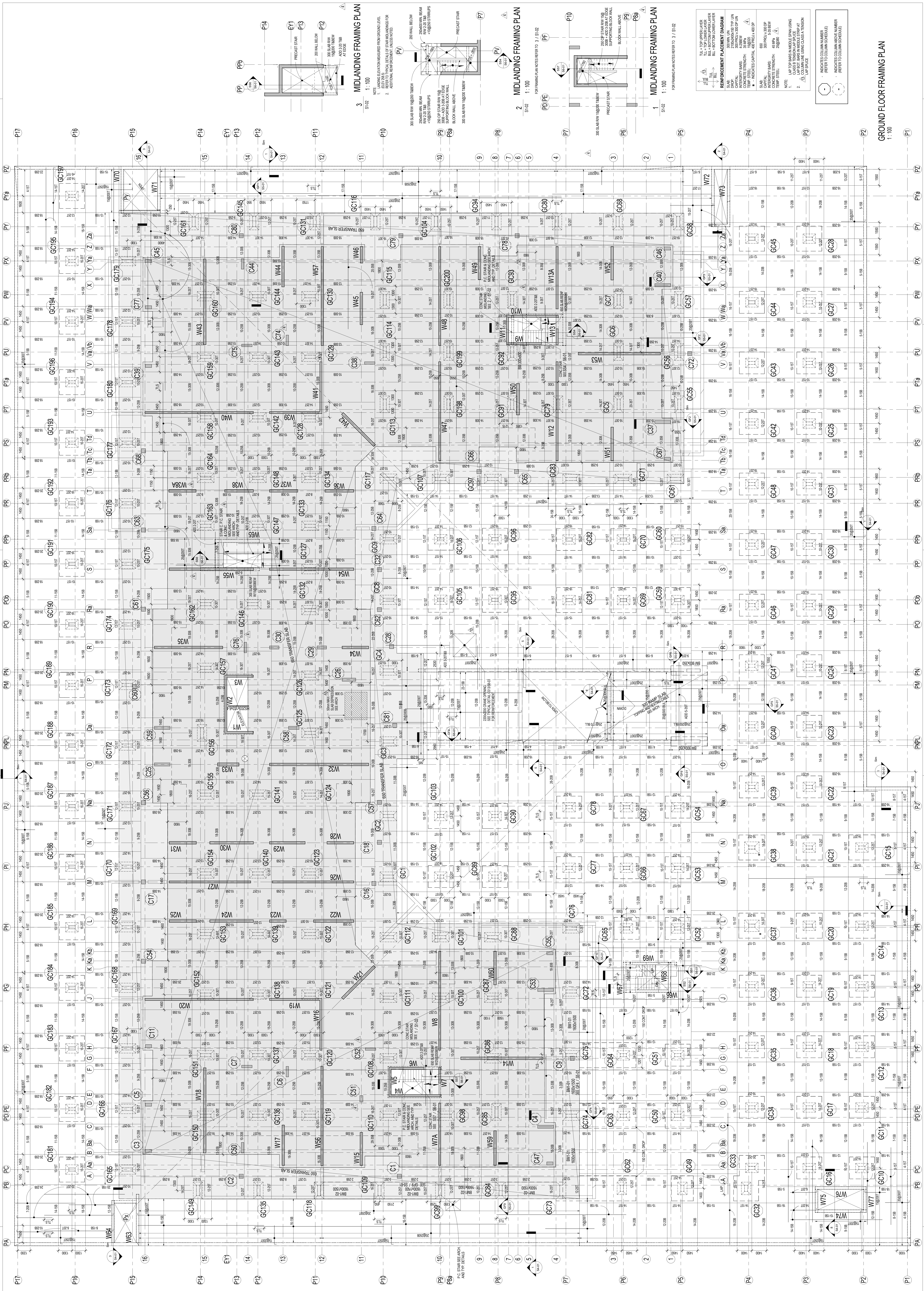
Drawn By	RS
Checked By	NH/PZ/AS
Plot Date:	DECEMBER 2016

GROUND FLOOR FRAMING
PLAN



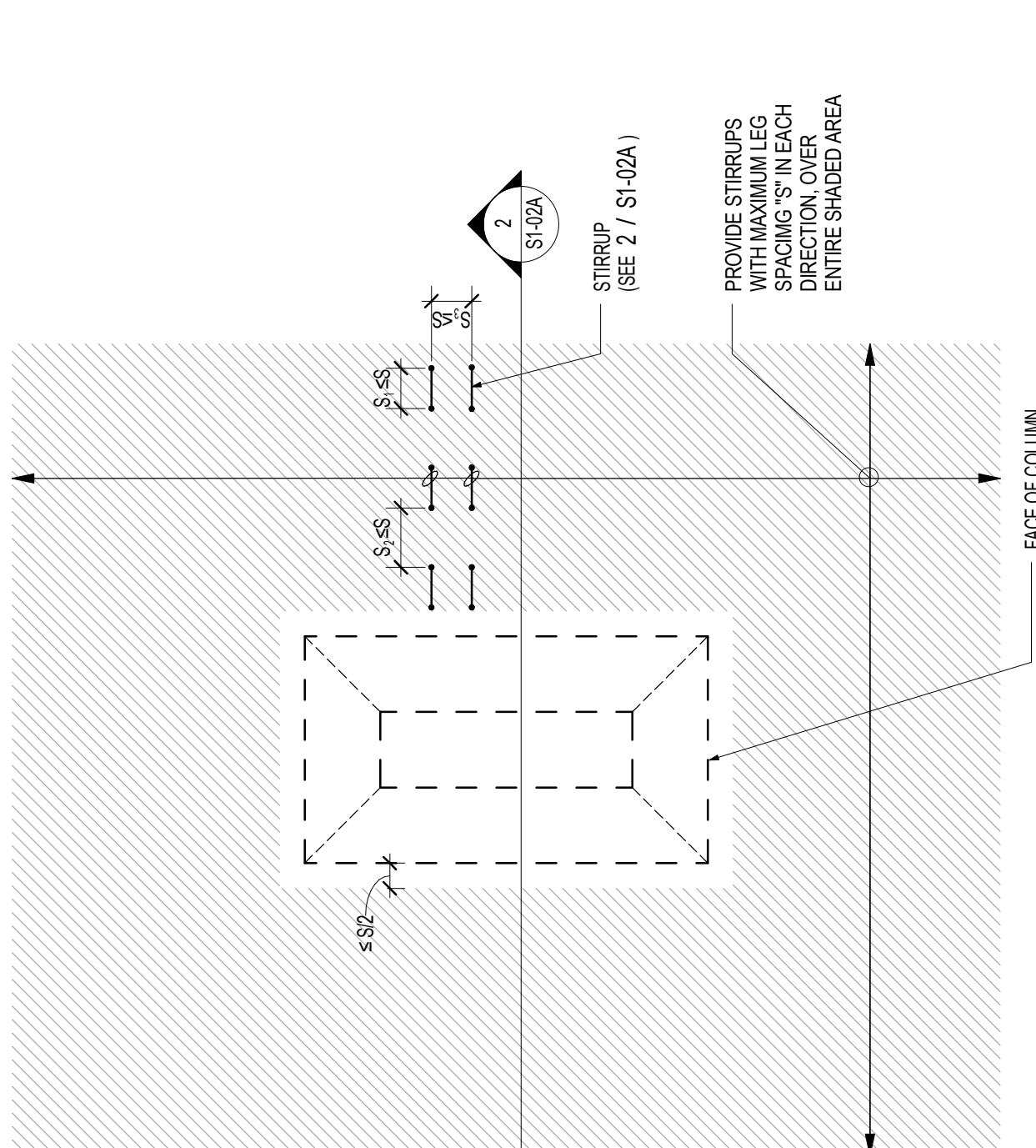
AS indicated

S1-02

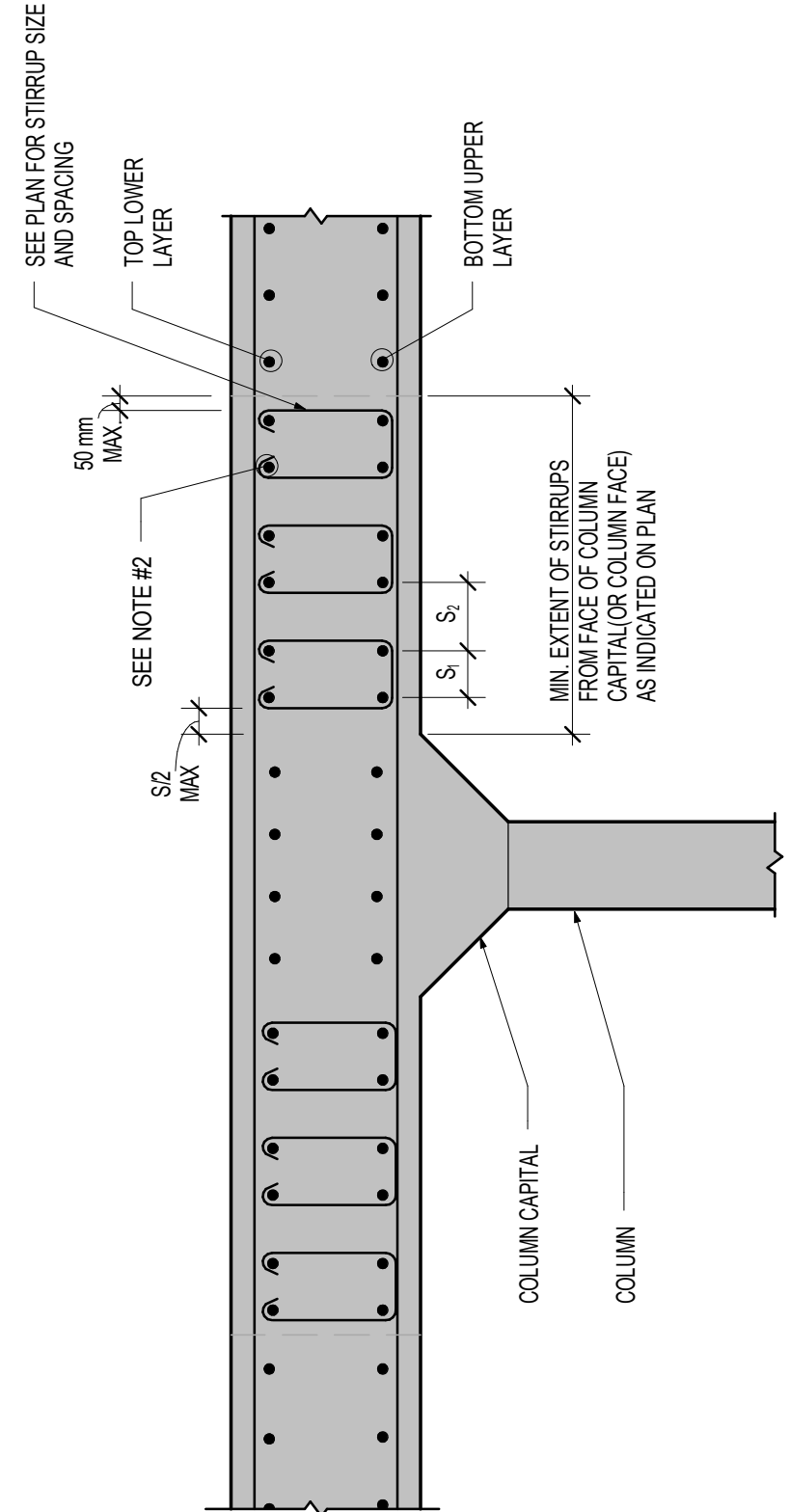


THE CONTRACTOR SHALL CHECK ALL
REINFORCEMENT AGAINST THE
ARCHITECTURAL, MECHANICAL AND ELECTRICAL
REQUIREMENTS OF THE PROJECT AND THE
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	10/15/2017	REVISIONAL AND SUBMIT
11	10/15/2017	REVISIONAL AND SUBMIT
12	10/15/2017	ISSUED FOR SITE INSPECTION #4



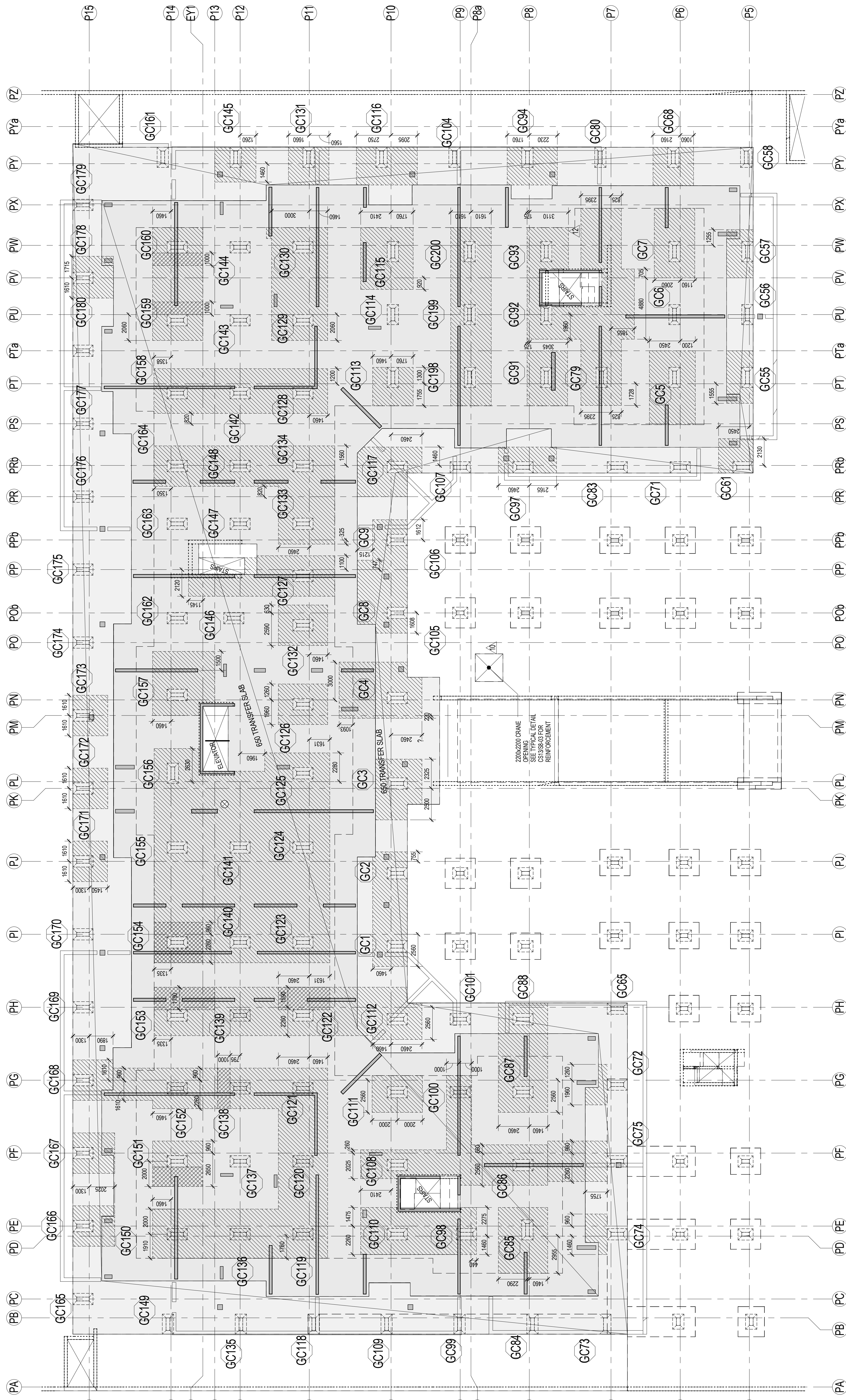
1 TYP. SHEAR REINFORCEMENT PLAN DETAIL
S1-02A 1:25



2 TYP. CAPITAL REINFORCEMENT SECTION DETAIL
S1-02A 1:25

- NOTES:
1. THE ORIENTATION OF STEEL REINFORCEMENT SHALL BE THE ORIENTATION OF THE OUTER LAYER OF LOWER LAYER AND BOTTOM LAYER LAYERS.
 2. BOTTOM LAYER LAYERS AND BOTTOM LAYER LAYERS SHALL BE THE ORIENTATION OF THE OUTER LAYER OF LOWER LAYER AND BOTTOM LAYER LAYERS.
 3. WIDEN OF STEEL REINFORCEMENT AND SPACING BETWEEN STEEL REINFORCEMENT IN BOTH DIRECTIONS (S AND S₂) SHALL NOT EXCEED THE SPECIFIED MAXIMUM SPACING (S₁ OR S₂) OF STEEL REINFORCEMENT.

SHEAR REINFORCEMENT SCHEDULE		
SHADING TYPE	STEEL SIZE	MAXIMUM SPACING OF STEEL REINFORCEMENT
	10M	250
	10M	200



PART. GROUND FLOOR PLAN
SHEAR REINFORCEMENT AT COLUMN KEY PLAN
1:150

THE CONTRACTOR SHALL CHECK ALL
STRUCTURAL, MECHANICAL AND ELECTRICAL
DETAILS AND APPROVE THEM BEFORE
ARCHITECT BEFORE PROCEEDING WITH WORK.

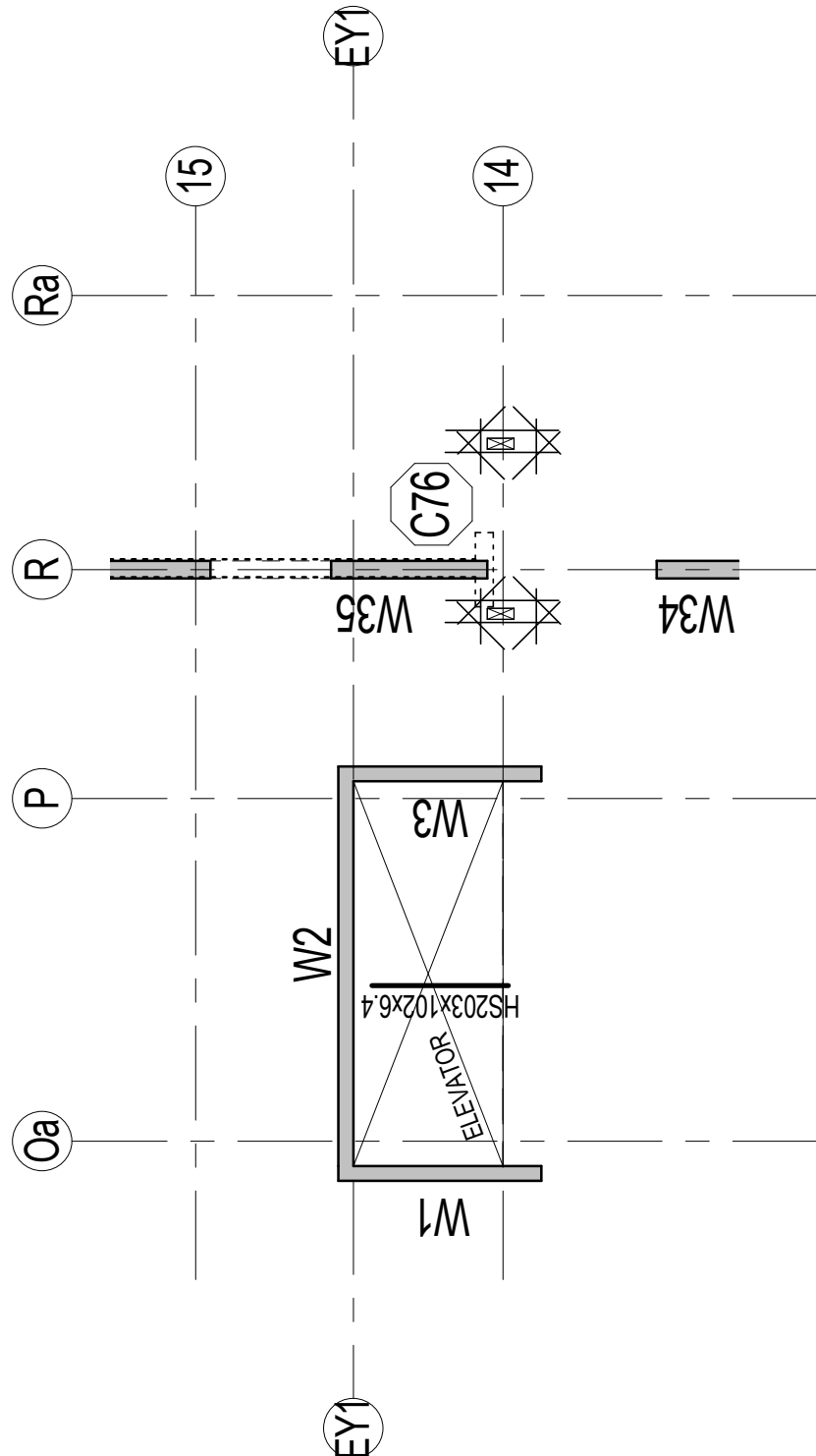
1	MAR 16 2016	ISSUED FOR PERMIT
2	MAR 16 2016	ISSUED FOR PERMIT
3	JUL 19 2017	REV - ADJUST GRADE LEVELS



3RD-5TH FLOORS FRAMING PLAN
1:100

TLL = TOP LAYER LAYER
BLL = BOTTOM LAYER LAYER
BLL = BOTTOM LAYER LAYER
COMPOSITE FLOOR
REINFORCEMENT BARS
300MM
200MM
150MM

INDICATES COLUMN NUMBER
(REFER TO COLUMN SCHEDULE)
INDICATES COLUMN ABOVE NUMBER
(REFER TO COLUMN SCHEDULE)



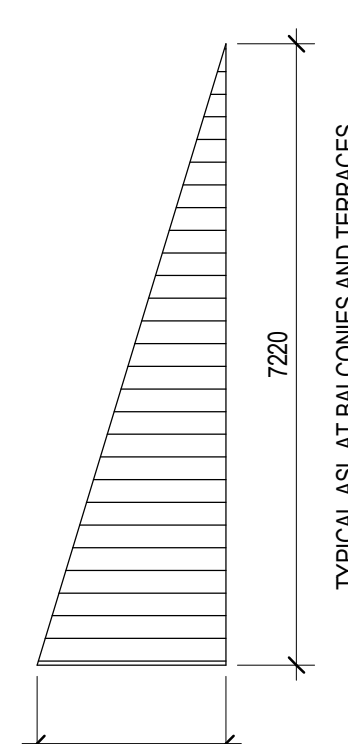
PART: FRAMING PLAN LEVEL 3
1:100

- TOP OF STRUCTURAL SLAB TO BE 100MM BELOW FINISHED FLOOR SLAB ELEVATION EXCEPT AS CROSSED AND NOTED OTHERWISE.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (ALL UNLESS SUPERIMPOSED DEAD LOADS ARE NOTED OTHERWISE TO THE BEST PRACTICE).

	IL	SFL	\$
SUITES	1.9Pa	1.0Pa	-
BALCONIES	4.8Pa	0.5Pa	20.0Pa ***
STAIRS	4.8Pa	0.5Pa	-
LOCKERS	4.8Pa	1.5Pa	-

*** AN ALLOWANCE FOR ACCUMULATED SNOW LOADS IS CALCULATED IN

- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 20MM.
- THE PROJECT SUPERINTENDENT MUST CONTACT THE OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL.
- SEE TYPICAL DETAIL DRAWING FOR DETAILS IN NON-LOAD BEARING BLOCK WALLS.
- REFER TO DETAIL DRAWING FOR DETAILS.
- AREAS NOTED THIS WAY DENOTE BALCONY LOADING. SEE LOADING TABLE.



25500 Highway 10, Suite 101
Toronto, Ontario M2H 3P9
Tel: 416.443.7773
www.stephenson-eng.com | info@stephenson-eng.com

PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.
STONEYVALE
ROYAL PINE HOMES
ONTARIO

Drawn By: RS
Checked By: NHP/PA/S
Project No: DECEMBER 2016
Job #: 20140490

3RD - 5TH FLOORS FRAMING
PLAN

AS
INFORMED
S1-04

THE CONTRACTOR SHALL CHECK ALL
ARCHITECTURAL, MECHANICAL AND ELECTRICAL
NOTES AND DIMENSIONS FOR ACCURACY AND
CONSISTENCY BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR TENDER
2	MAY 18 2016	ISSUED FOR TENDER
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
10	JUL 18 2017	IPC ABOVE GROUND ELEVATIONS



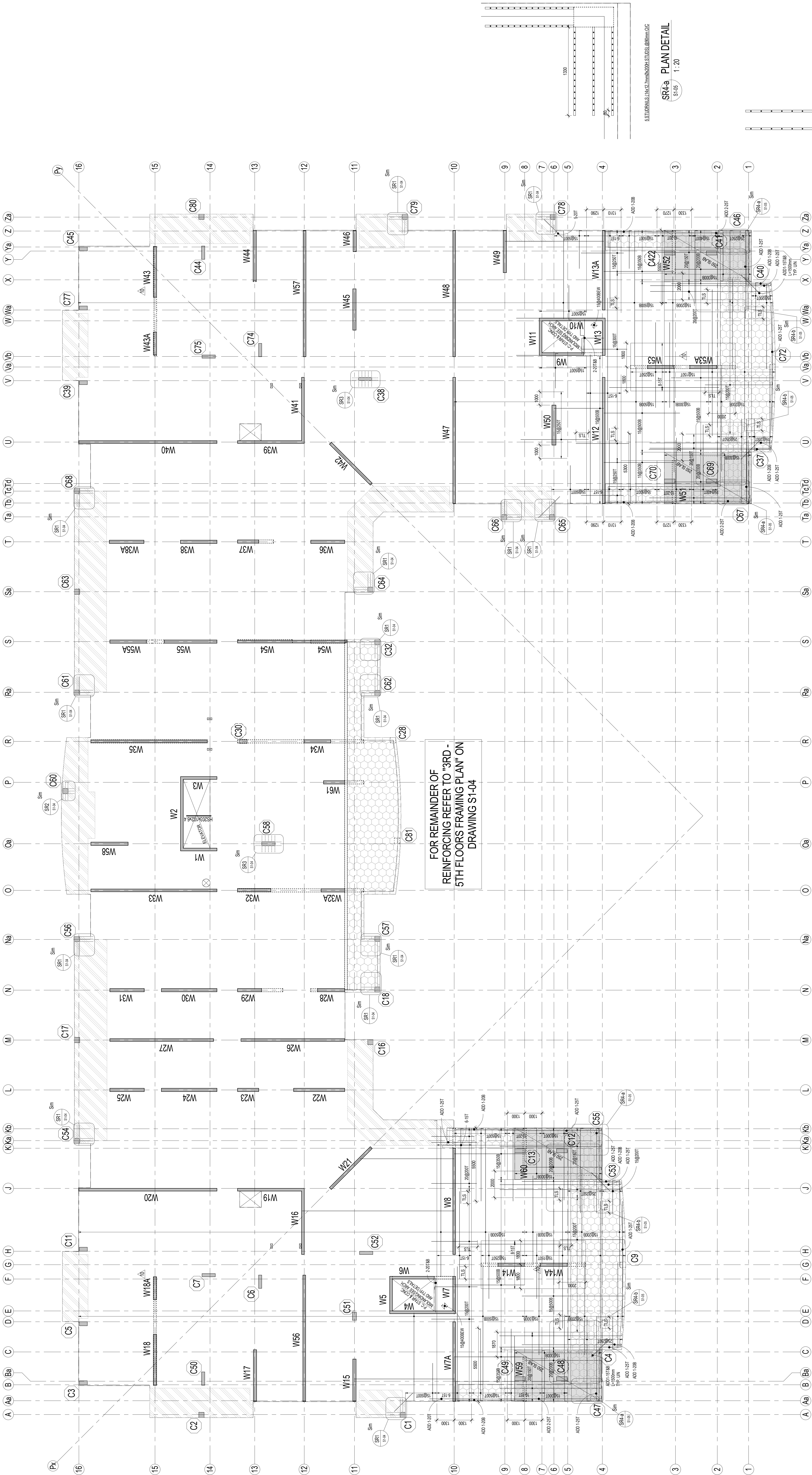
25 BAKER HILL BLVD.
STOUFFVILLE, ONTARIO L4A 0K6
Tel: 905.881.1177
www.stephenson-eng.com | info@stephenson-eng.com

PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.
STOUFFVILLE, ONTARIO

Drawn By: RS
Checked By: NHP/PJ/AS
Per Date: DECEMBER 2016
Job #: 20140490

6TH FLOOR FRAMING PLAN

AS
INDICATED
S1-05



SR4-a PLAN DETAIL
S1-05 1:20

SR4-b PLAN DETAIL
S1-05 1:20

1. TOP OF STRUCTURAL SLAB TO BE 0.0 mm BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS NOTED AND NOTED SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
2. ALL WALLS AND PARTIAL WALLS SHALL BE CONCRETE ON REINFORCED CONCRETE FOUNDATION. LOADS SHALL BE IN ADDITION TO THE SELF WEIGHT.

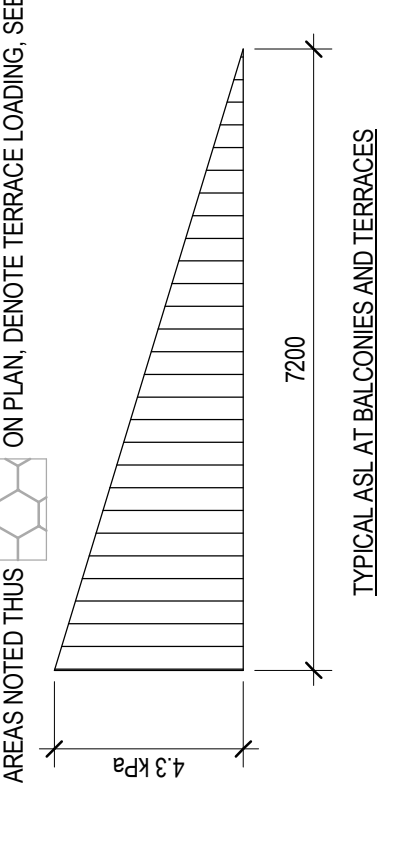
ITEM	UNIT	SR4-a	SR4-b	S
WALLS	sqm	4.81	3.84	2.01
CEILING	sqm	4.81	3.84	2.01
FLOOR	sqm	4.81	3.84	2.01
DOORS	sqm	4.81	3.84	2.01

* INCLUDES ALLOWANCE FOR DOORS AND ROOF MATERIALS
WITH THE C.S.C. IN ADDITION TO THIS LOAD AND IS NOTED ON PLAN

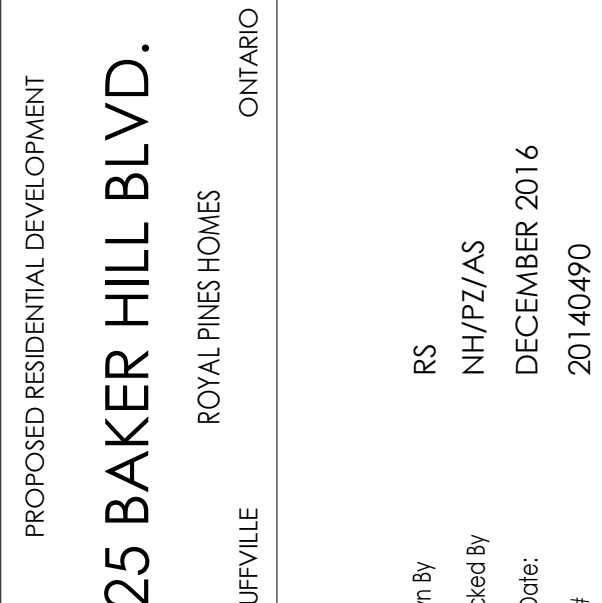
3. CONCRETE COVER FOR TOP AND BOTTOM BARS SHALL BE 25 mm.
4. REINFORCING SHALL BE 20 mm DIA. BARS.
5. THE PROJECT SUPERVISOR MUST CONTACT THIS OFFICE IN ADVANCE PRIOR TO PLACING STRUCTURAL.
6. SEE ALSO TYPICAL NOTES AND DETAILS FOR WALLS AND ELEVATIONS.
7. SEE ALSO TYPICAL NOTES AND DETAILS FOR WALLS AND ELEVATIONS.
8. SEE ALSO TYPICAL NOTES AND DETAILS FOR WALLS AND ELEVATIONS.
9. AREAS NOTED THIS ON PLAN DENOTE TERRACE LOADING. SEE LOADING TABLE.
10. AREAS NOTED THIS ON PLAN DENOTE TERRACE LOADING. SEE LOADING TABLE.

TTL = TOP UPPER LAYER BLL = BOTTOM LOWER LAYER BLL = BOTTOM LOWER LAYER
REINFORCEMENT PLACEMENT DIAGRAM
INTERPRETATION
TEMP. STEEL

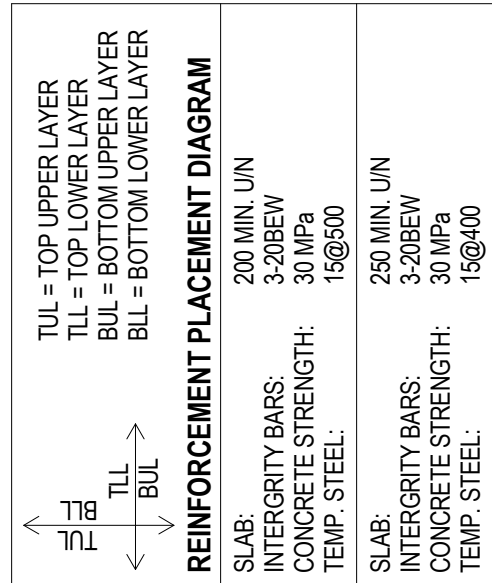
INDICATES COLUMN NUMBER
REFER TO COLUMN SCHEDULE
REFER TO COLUMN SCHEDULE



1	MAR 18 2016	ISSUED FOR TENDER
2	DEC 28 2016	ISSUED FOR BUILDING PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
10	JUL 19 2017	IFC - ABOVE GRADE LEVELS
11	JUL 24 2017	ISSUED FOR SITE INSTRUCTION #2
13	SEP 12 2017	ISSUED FOR SITE INSTRUCTION #5



AS S1-06



- INDICATES COLUMN NUMBER
(REFER TO COLUMN SCHEDULE)
- INDICATES COLUMN ABOVE NUMBER
(REFER TO COLUMN SCHEDULE)

	LL	SOL	S
SUITES	1.8kPa	1.0kPa	-
TERRACE	4.8kPa	3.6kPa*	2.0kPa**
STAIRS	4.8kPa	0.5kPa	-
BALCONIES	4.8kPa	0.5kPa	2.0kPa**
LOCKERS	4.8kPa	1.5kPa	-

CONCRETE CONCRETE TOP AND BOTTOM REINFORCING SHALL BE 2" DIA.
APPROVAL MUST BE OBTAINED FROM ENGINEER, GUYTON, PRIOR TO THOSE SHOWN ON PLAN.
THE SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL
CONCRETE FOR A REVIEW OF PREPARATIONS.
SEE ALSO TYPICAL NOTES AND DETAILS.
REFER TO SPECIAL NOTES AND SCHEDULES, AND WALL IN-ELATIONS.
AREAS NOTED THIS "X" ON PLAN, DEVOTE BACKLAPPING COACING, SEE LOADING TABLE.

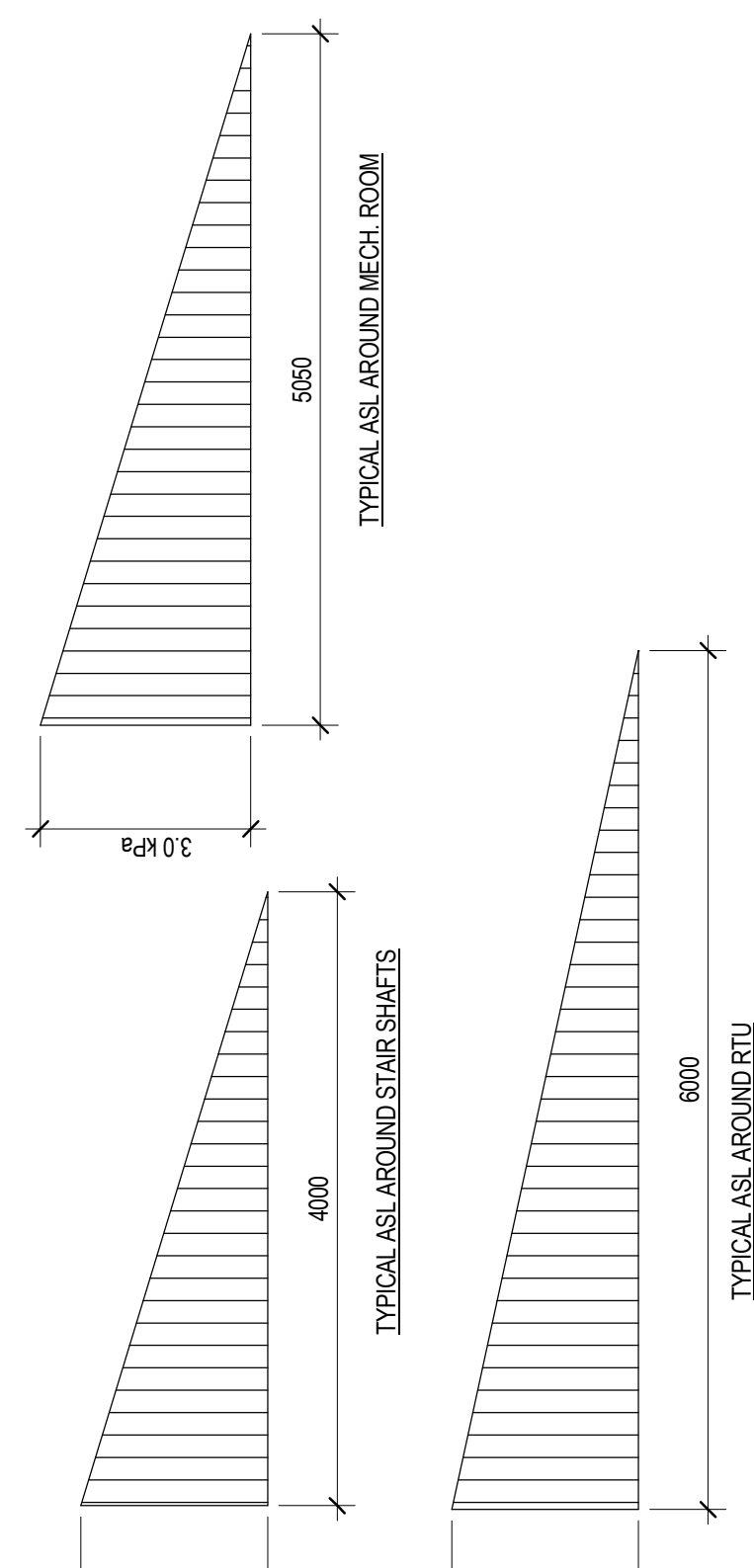
TOP OF STRUCTURAL SLAB TO BE 0.0 m BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT.

* INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS
** AN ALLOWANCE FOR ACCUMULATED SNOW LOAD (ASL) CALCULATED IN ACCORDANCE WITH THE O.B.C. IS IN ADDITION TO THIS LOAD AND IS NOTED ON PLAN

CONCRETE COVER TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
THE PROJECT SUPERINTENDENT MUST NOTIFY THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL
FORMWORK FOR ANY OPENING. ALL OPENINGS SHALL BE REINFORCED WITH STEEL BEAMS OR STEEL
TYPICAL DETAIL DRAWING FOR LINTELS IN NON-DRAIN BEARING BLOCK WALLS.
SEE ALSO TYPICAL NOTES AND DETAILS.
REFER TO BEAM, COLUMN, SCHEDULES, AND WALL ELEVATIONS.
AREAS NOTED THIS  ON PLAN, DENOTE BALCONY FLOORING, SEE LOADING TABLE.
AREAS NOTED THIS  ON PLAN, DENOTE TERRACE FLOORING, SEE LOADING TABLE.

AREAS NOTED THIS ON PLAN, DENOTE BALCONY LOADING, SEE LOADING TABLE.
AREAS NOTED THIS ON PLAN, DENOTE TERRACE LOADING, SEE LOADING TABLE.

TYPICAL ASL AT BALCONIES AND TERRACES



THE CONTRACTOR SHALL CHECK ALL
DIMENSIONS AND LOCATIONS OF
ARCHITECTURAL, MECHANICAL AND ELECTRICAL
ITEMS PRIOR TO CONSTRUCTION AND REPORT TO THE
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR TENDER
2	MAY 18 2016	ISSUED FOR TENDER
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
5	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
6	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
10	MAY 18 2017	RE-DESIGN BASE JOISTS
11	JUL 2 2017	ISSUED FOR SITE INSTRUCTION #2

CONCRETE COLUMN SCHEDULE

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THE CONTRACTOR SHALL CHECK ALL
STRUCTURAL, MECHANICAL AND ELECTRICAL
WORK FOR CONFORMANCE WITH THE
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR TENDER
2	MAY 18 2016	ISSUED FOR TENDER
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
10	JUL 18 2017	IPC ABOVE GRADE ELEVATIONS

2ND FLOOR BEAM SCHEDULE

BEAM NUMBER	SIZE	BOTTOM BARS			TOP BARS			STIRRUPS			REMARKS
		No.	S ₁	S ₂	No.	S ₁	S ₂	N ₁	N ₂		
B201	400x400	4	25	2500	4	25	2500	1	15	@200	
		2	15	1500		1500					
B202	400x400	2	20	—	4	20	300	10	2250	@200	
		—	—	—		—					
B203	400x400	4	15	—	4	20	—	10	2250	@200	
		—	—	—		—					

ROOF BEAM SCHEDULE

BEAM NUMBER	SIZE	BOTTOM BARS			TOP BARS			STIRRUPS		REMARKS
		No.	S ₁	S ₂	No.	S ₁	S ₂	N ₁	N ₂	
BANK1	800x300	4	25		4	25		15	15	@300 TO COL EE
		3	25							
BANK2	800x300	5	35					15	15	10@200L
		2	35							
BANK3	800x300	4	25		4	25		15	15	@300 TO COL EE
		3	25							
		6	15							
BANK4	1000x300	9	25					15	15	REIN PARS
		8	15							
BANK5	1000x300	8	30		5	35		15	15	REIN PARS
		6	30		6	35				
		8	15							
BANK6	1000x300	9	25		6	25		15	15	REIN PARS
		8	15							

THE CONTRACTOR SHALL CHECK ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL WORK FOR CONFORMANCE WITH THE ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR TENDER
2	MAY 18 2016	ISSUED FOR TENDER
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 18 2017	ISSUED FOR CONSTRUCTION PERMIT
5	MAY 18 2017	ISSUED FOR CONSTRUCTION PERMIT
6	MAY 18 2017	ISSUED FOR CONSTRUCTION PERMIT

8. REINFORCING STEEL SHALL BE PROVIDED AT 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
9. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
10. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
11. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
12. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
13. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
14. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
15. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
16. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
17. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.

TABLE 2 - TYPICAL DISTRIBUTED VERTICAL REINFORCEMENT									
WALL THICKNESS (mm)	WALL HEIGHT (mm)	WALL LENGTH (mm)	WALL AREA (mm²)	WALL VOLUME (mm³)	WALL WEIGHT (kg)	WALL STRENGTH (kN)	WALL DEFLECTION (mm)	WALL CRACKING (mm)	WALL CORROSION (mm)
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000

1. THIS TABLE IS BASED ON A 100mm WALL THICKNESS. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
2. THIS TABLE IS BASED ON A 100mm WALL THICKNESS. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
3. THIS TABLE IS BASED ON A 100mm WALL THICKNESS. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
4. THIS TABLE IS BASED ON A 100mm WALL THICKNESS. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.
5. THIS TABLE IS BASED ON A 100mm WALL THICKNESS. PROVIDE 100mm ON WALLS PROVIDING 8 @ 100mm FROM WALL TO BASE.

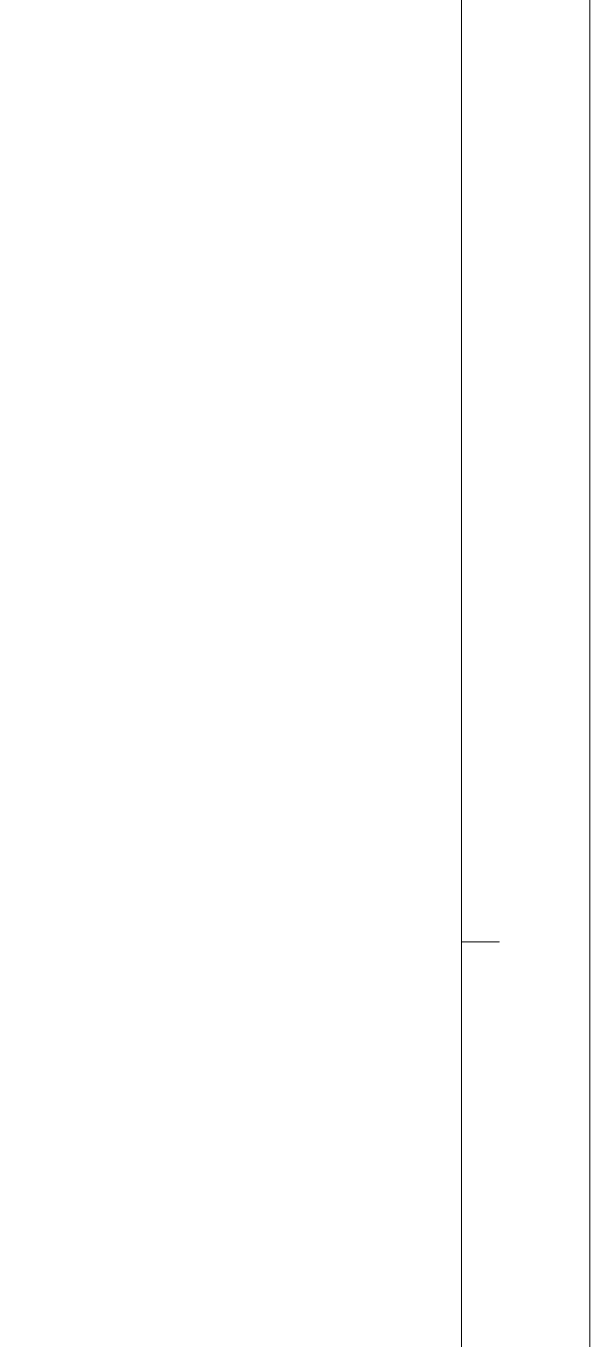
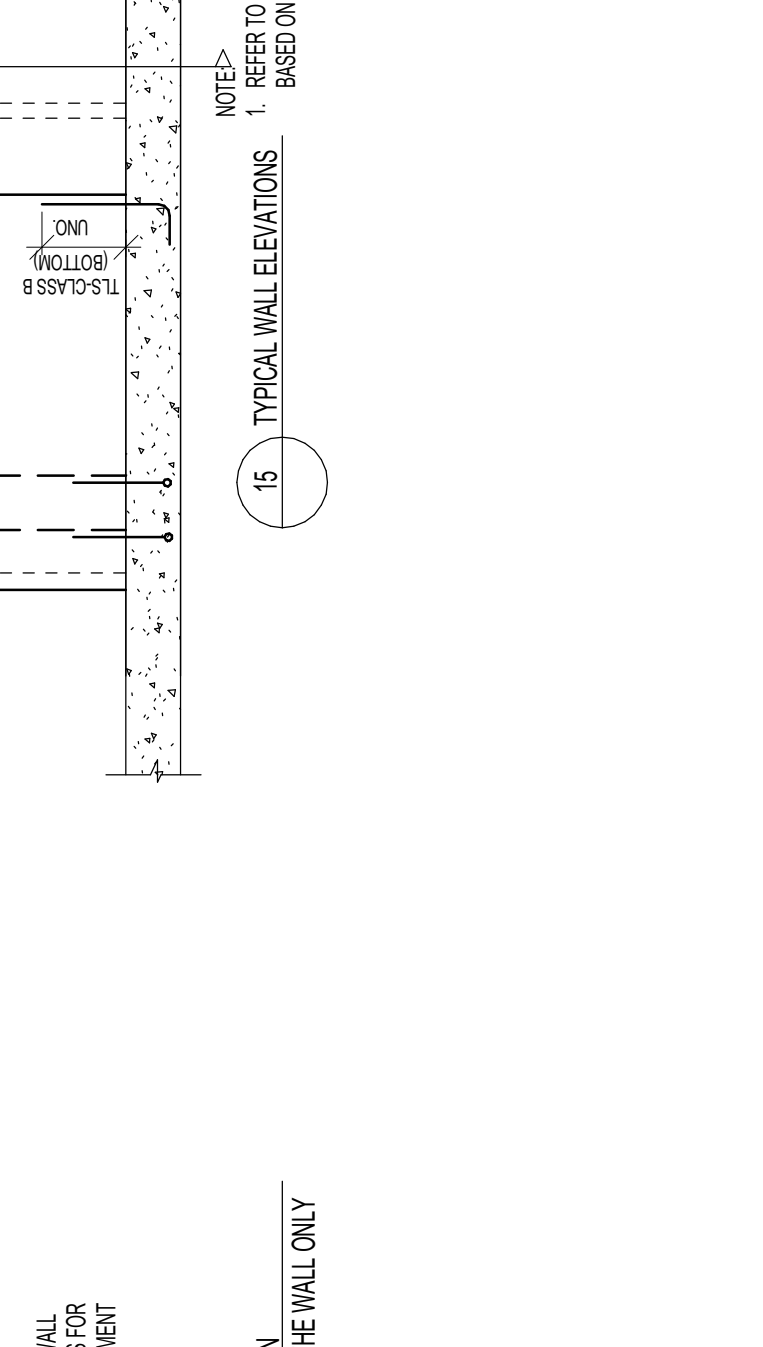
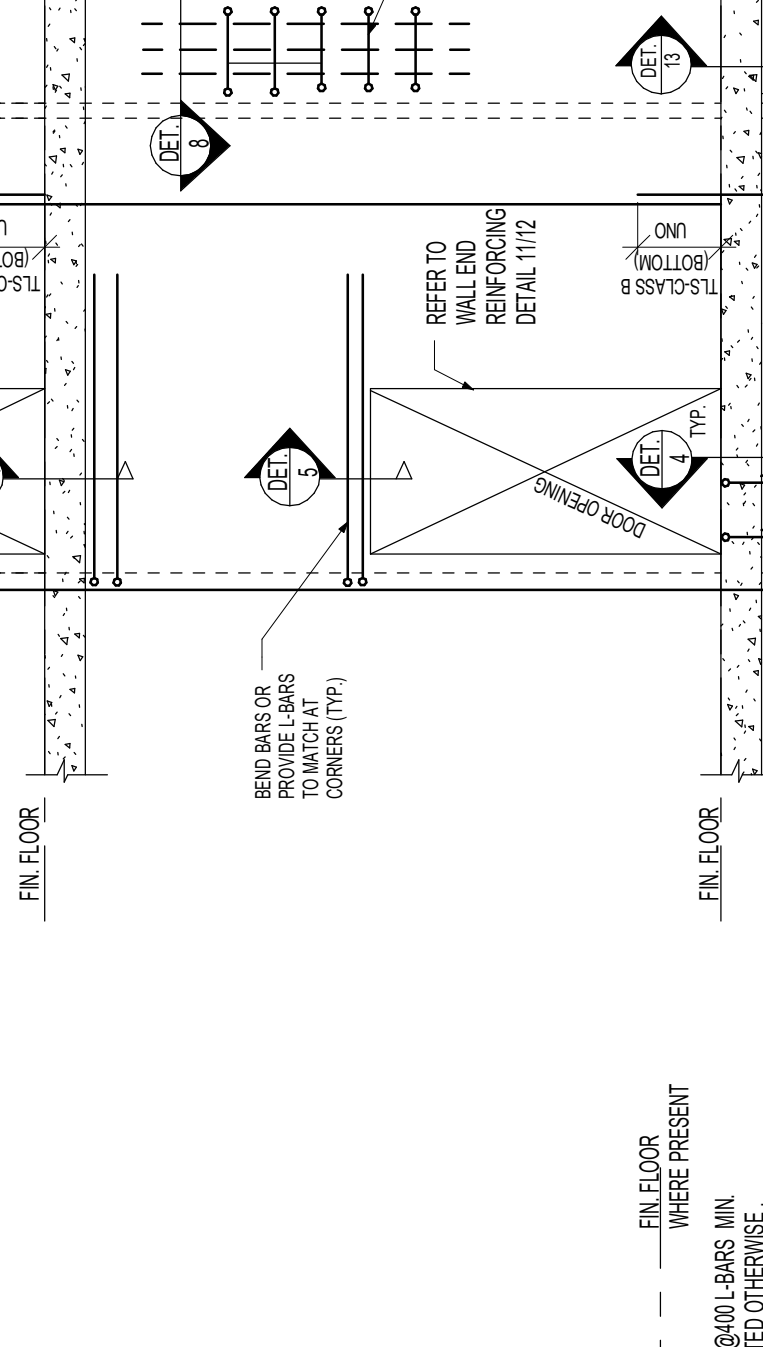
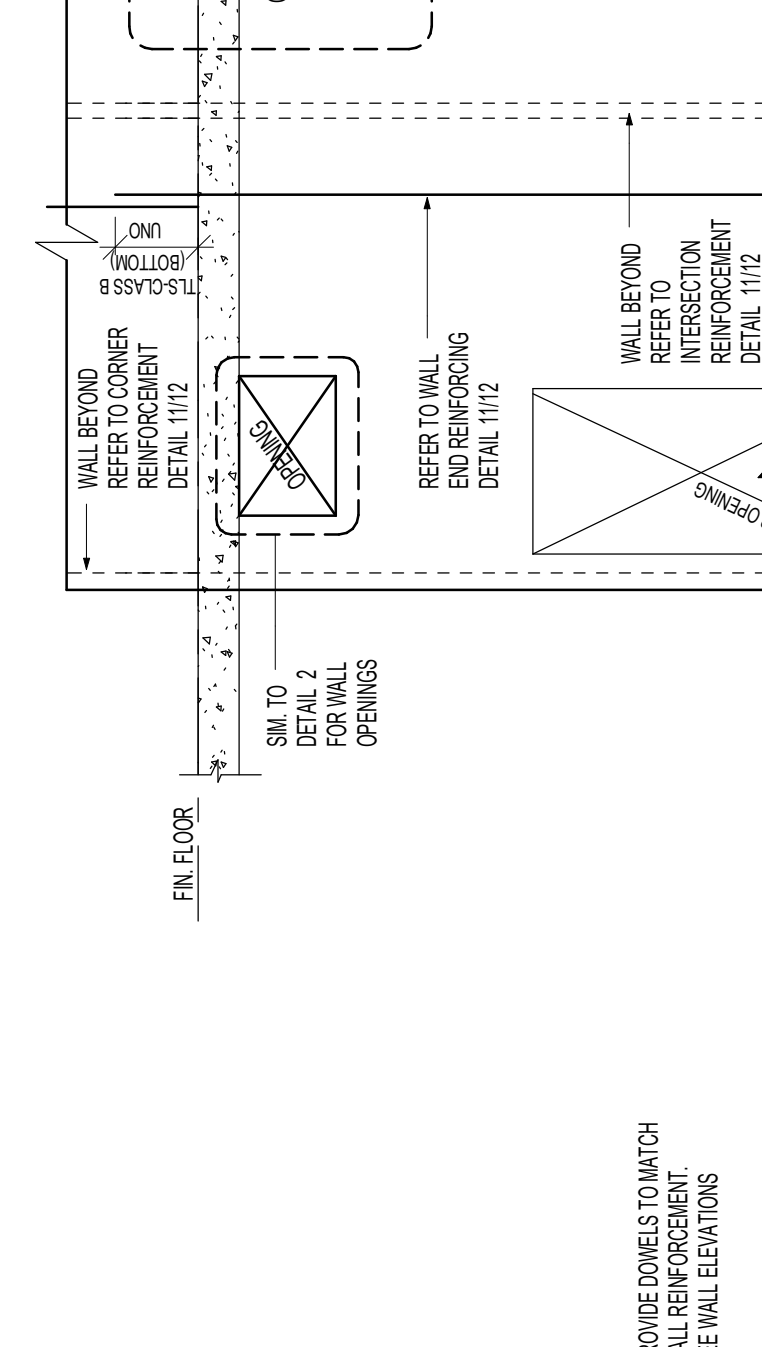
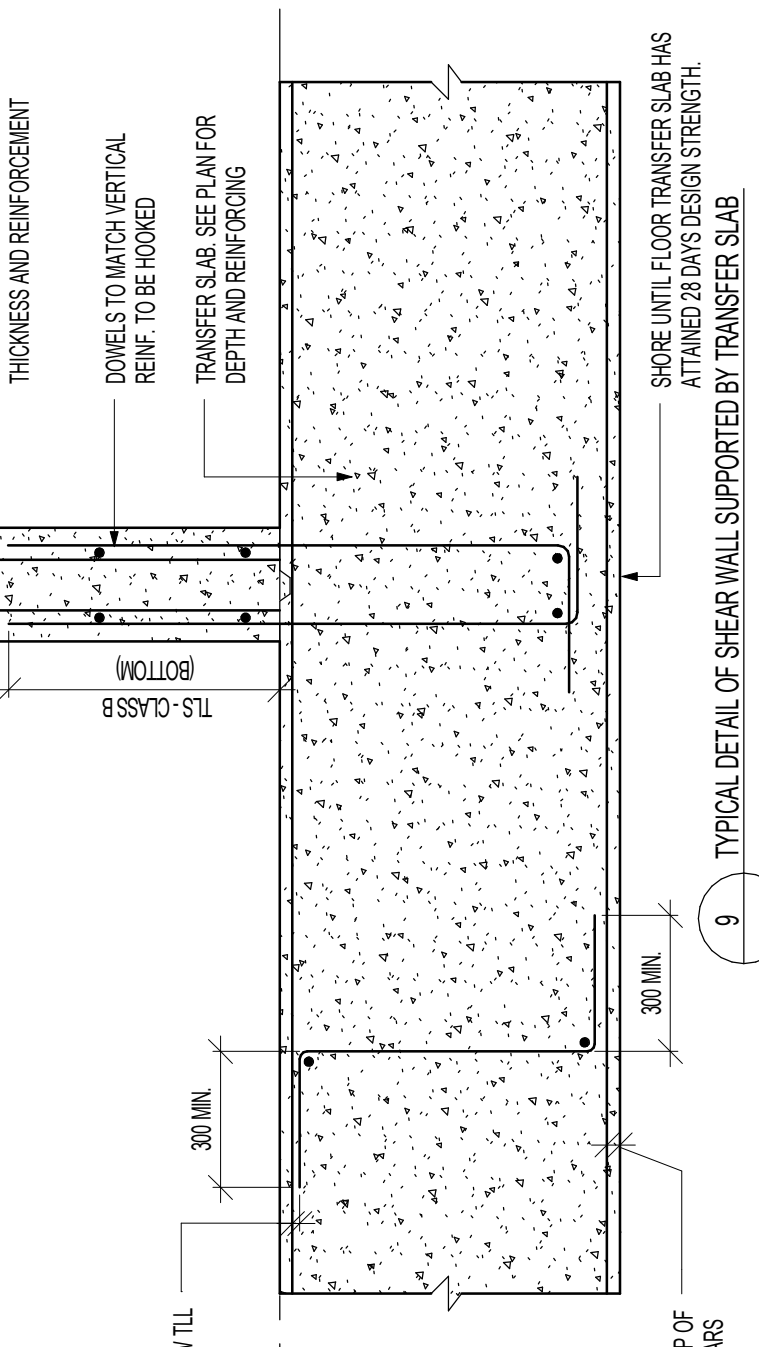
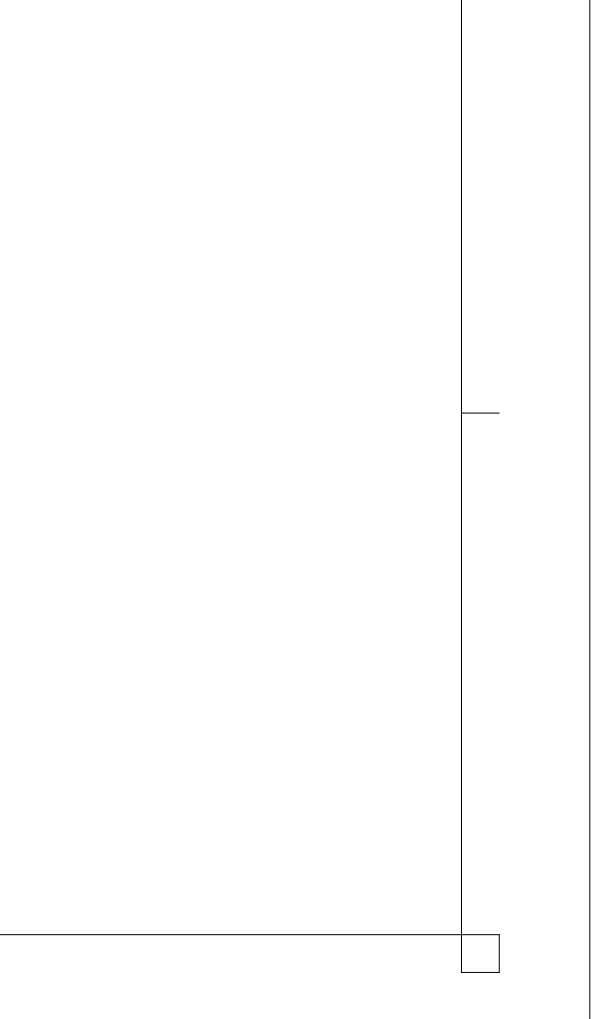
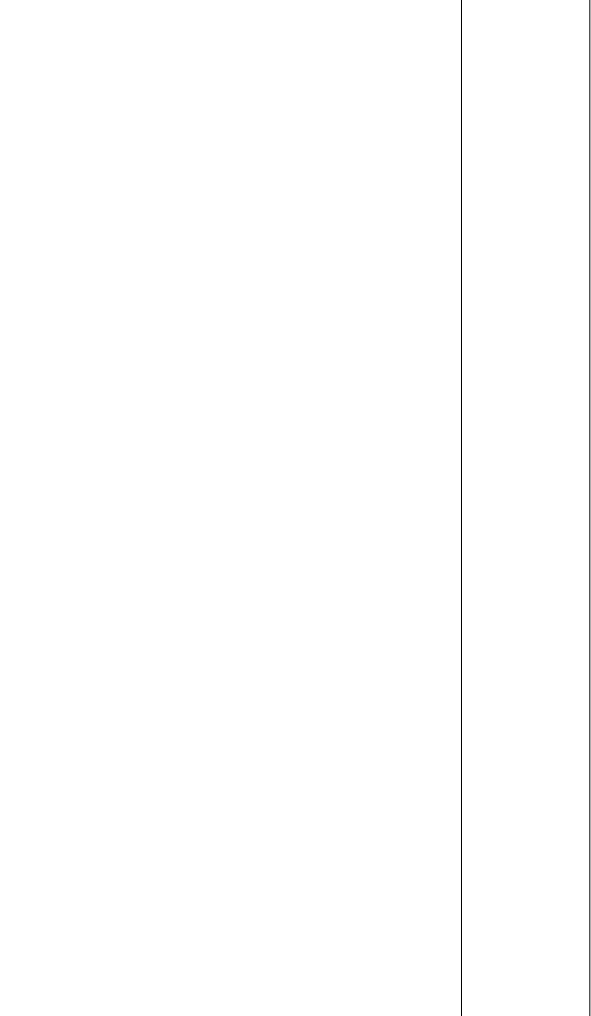
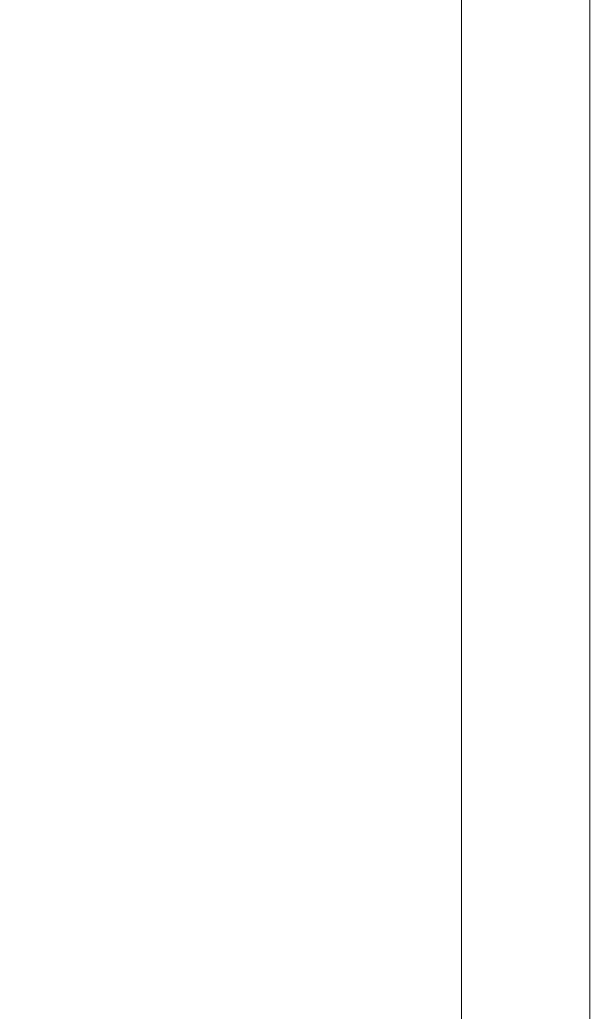
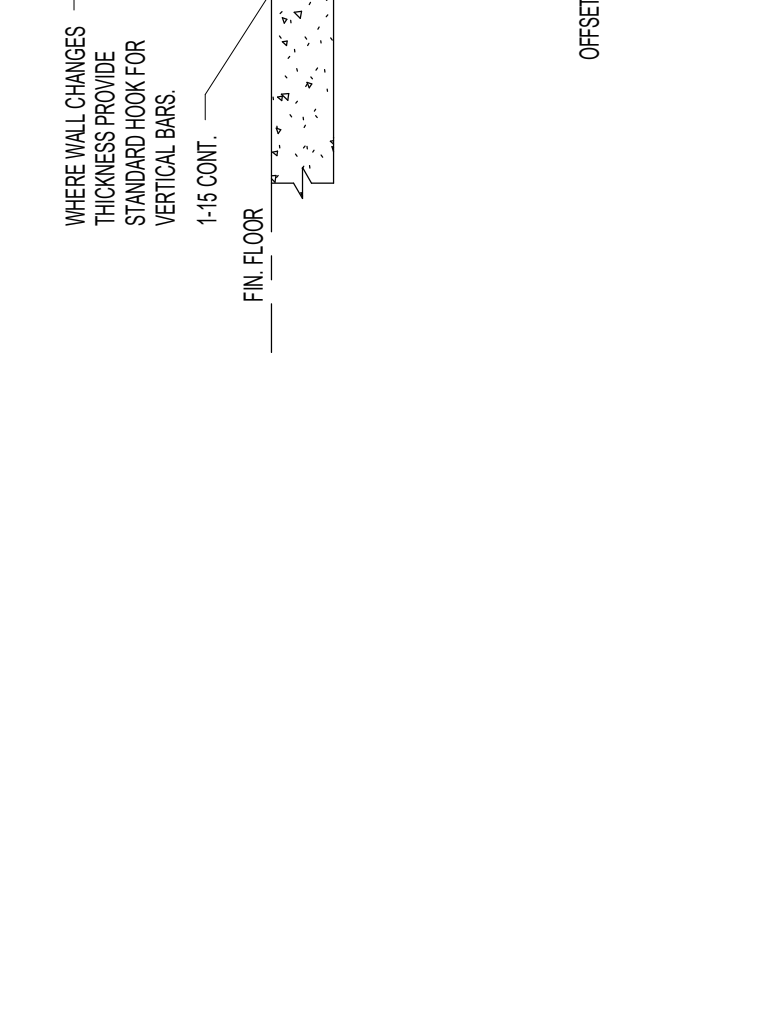
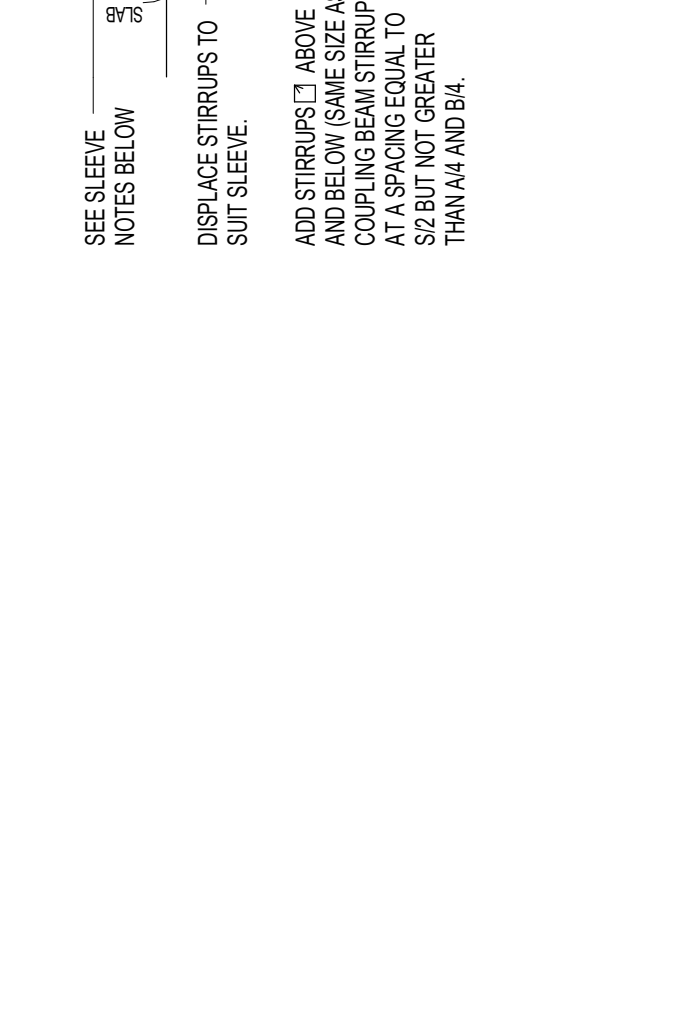
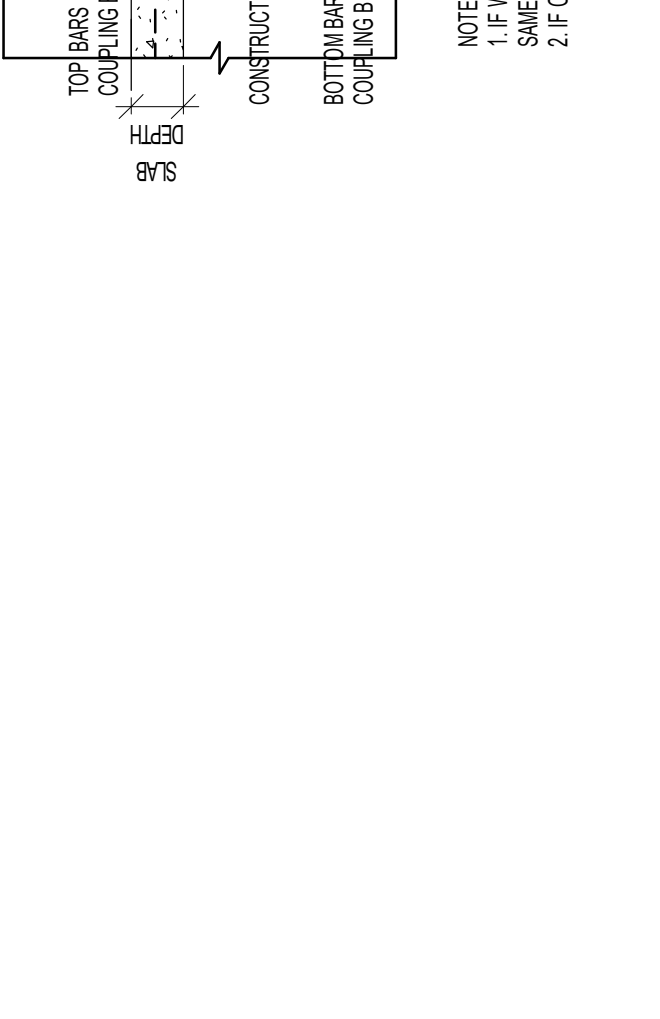
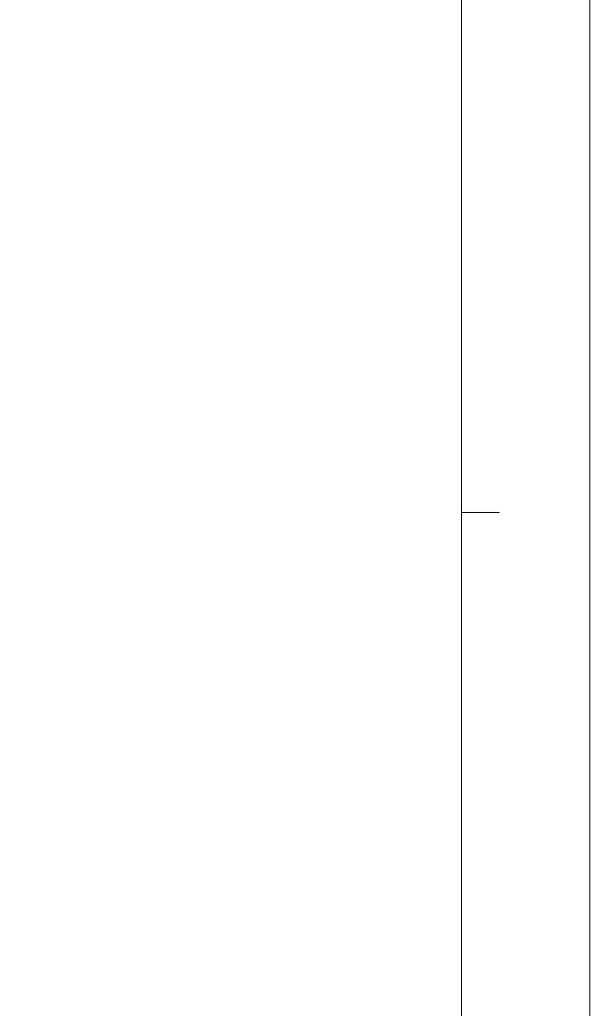
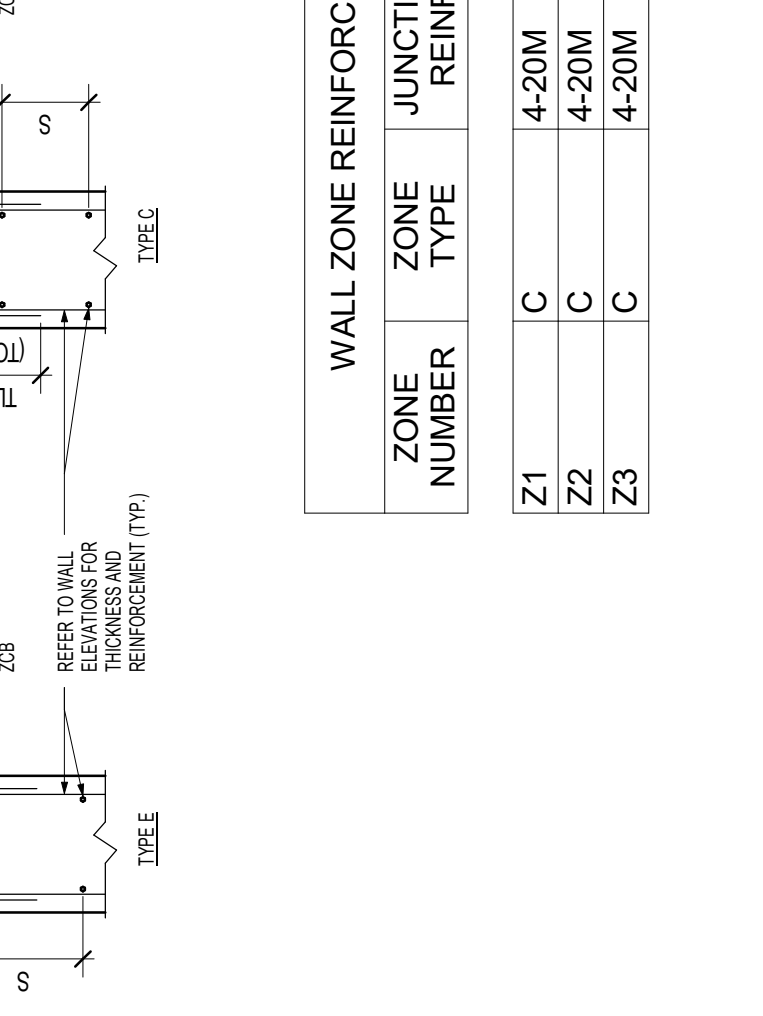
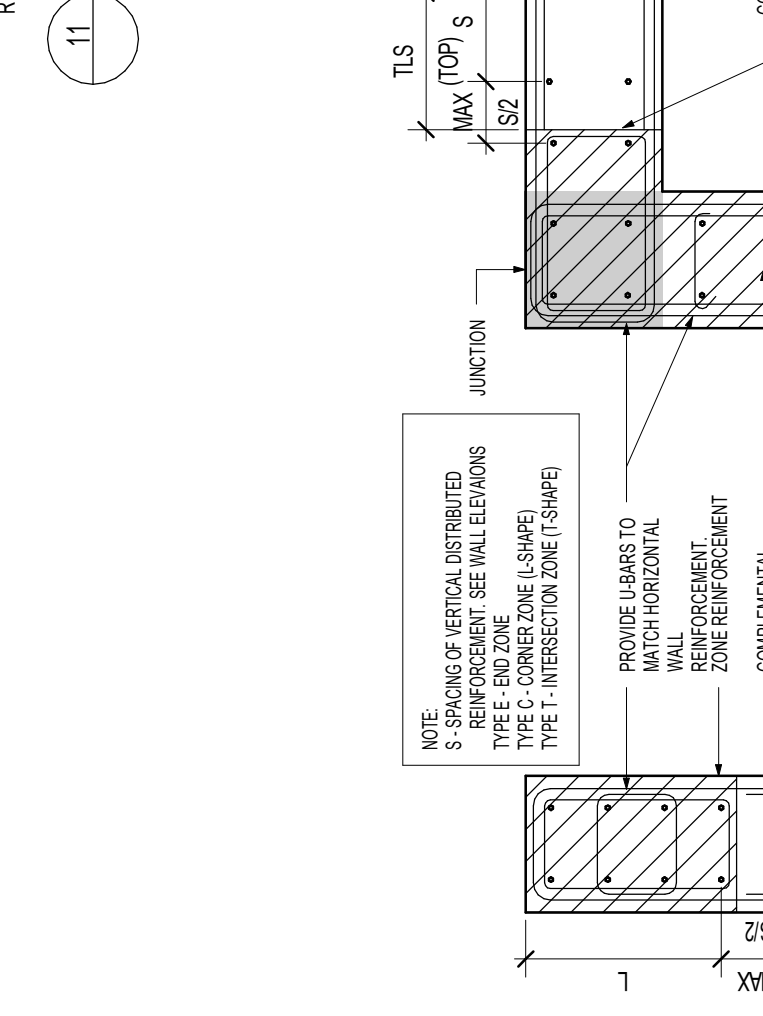
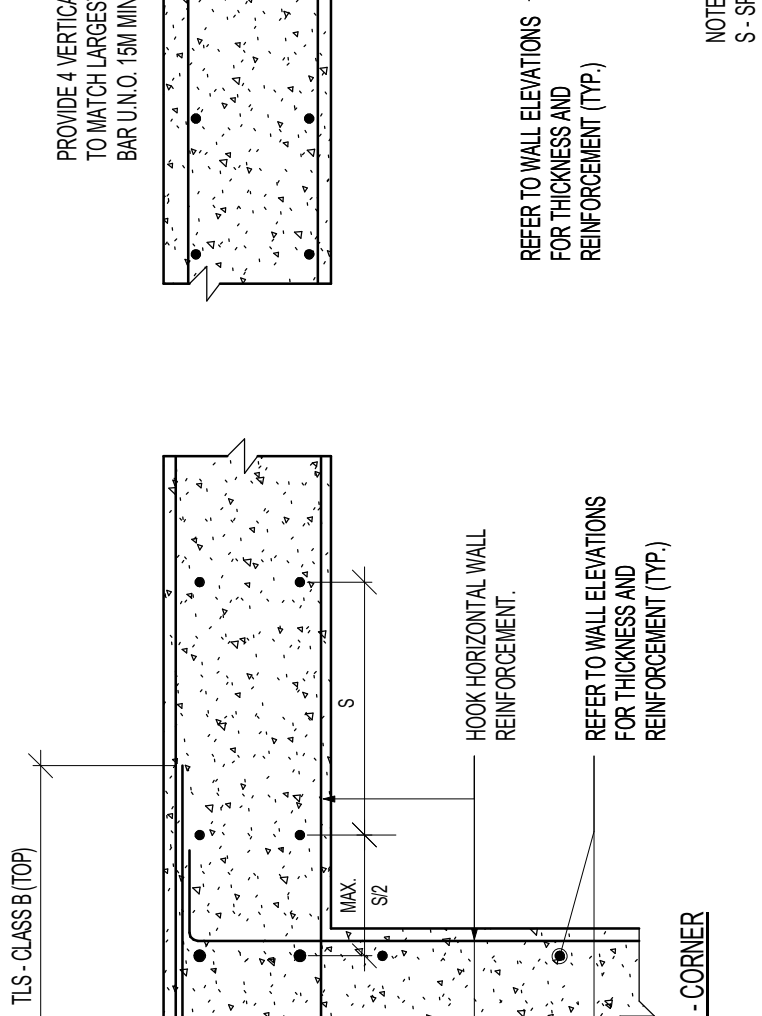
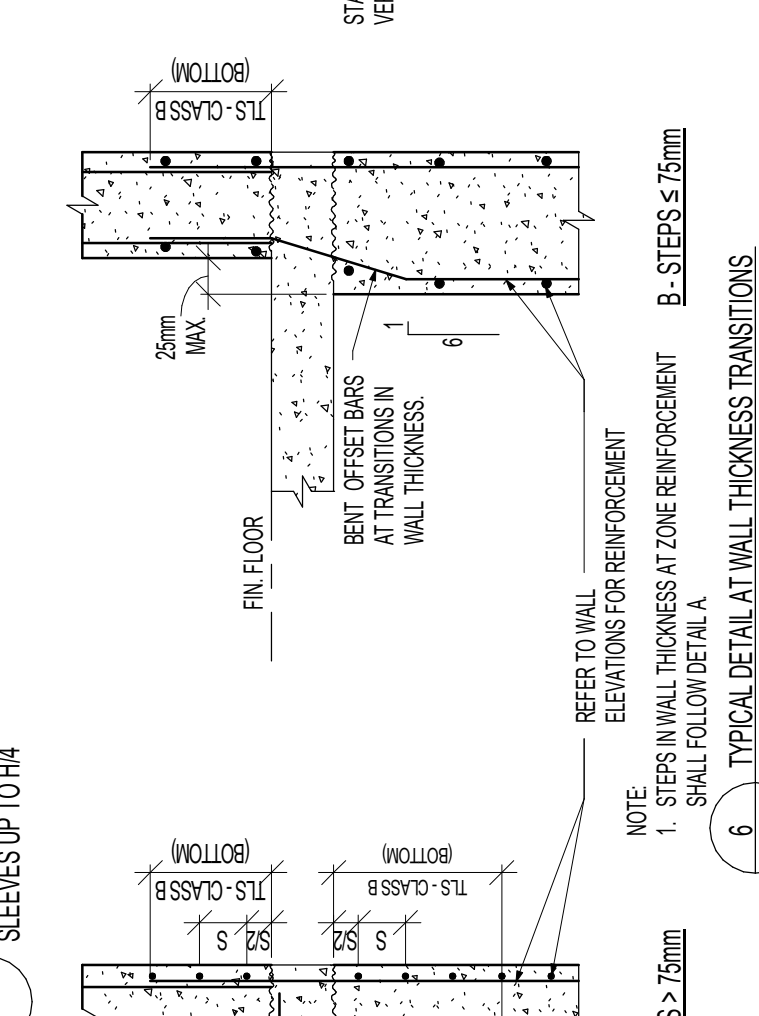
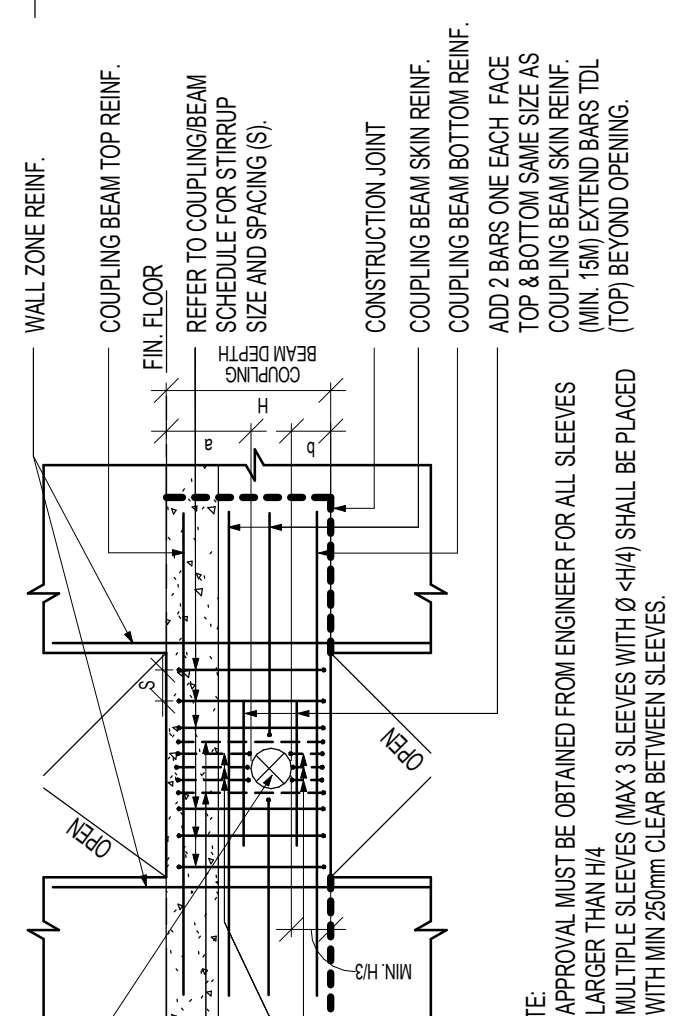
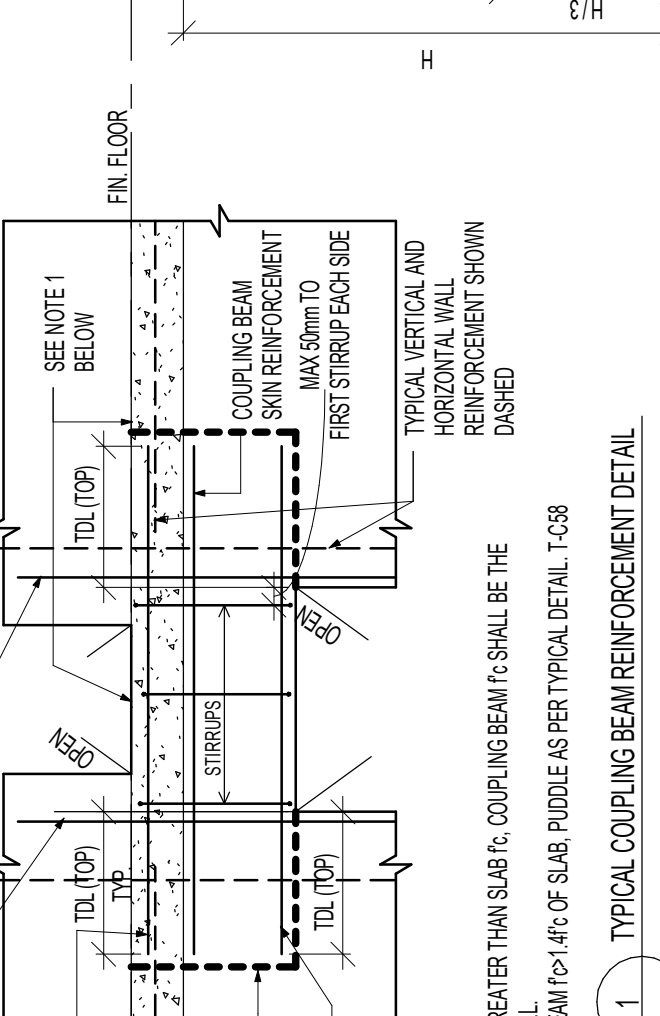
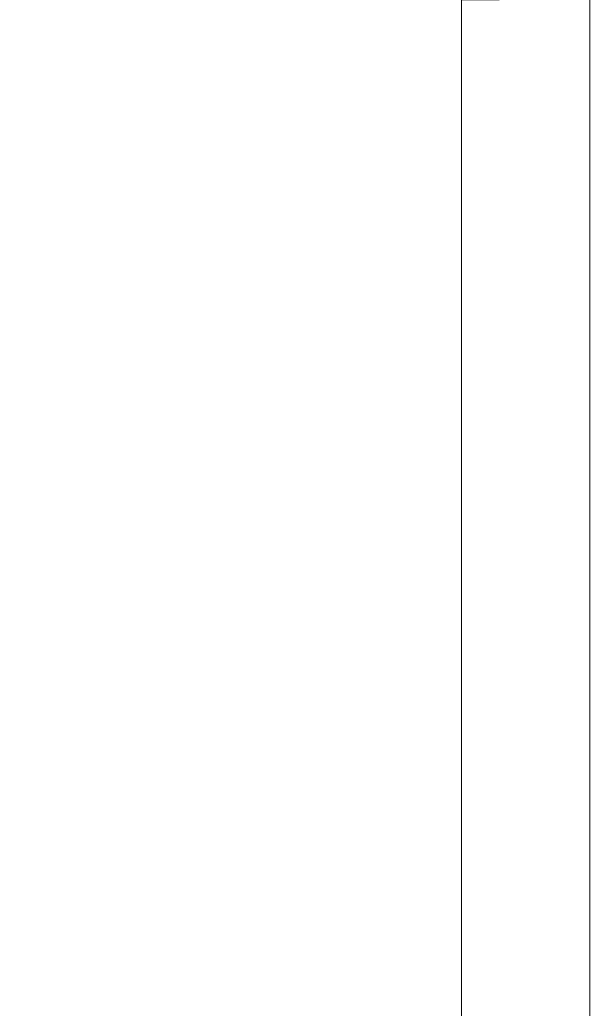
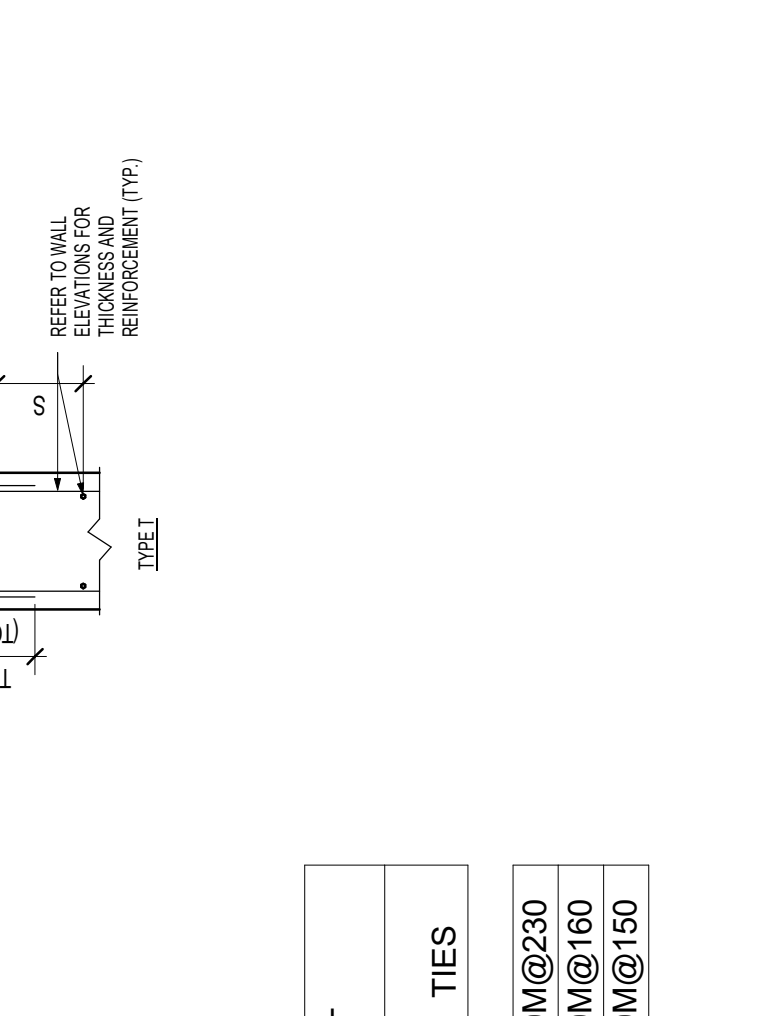
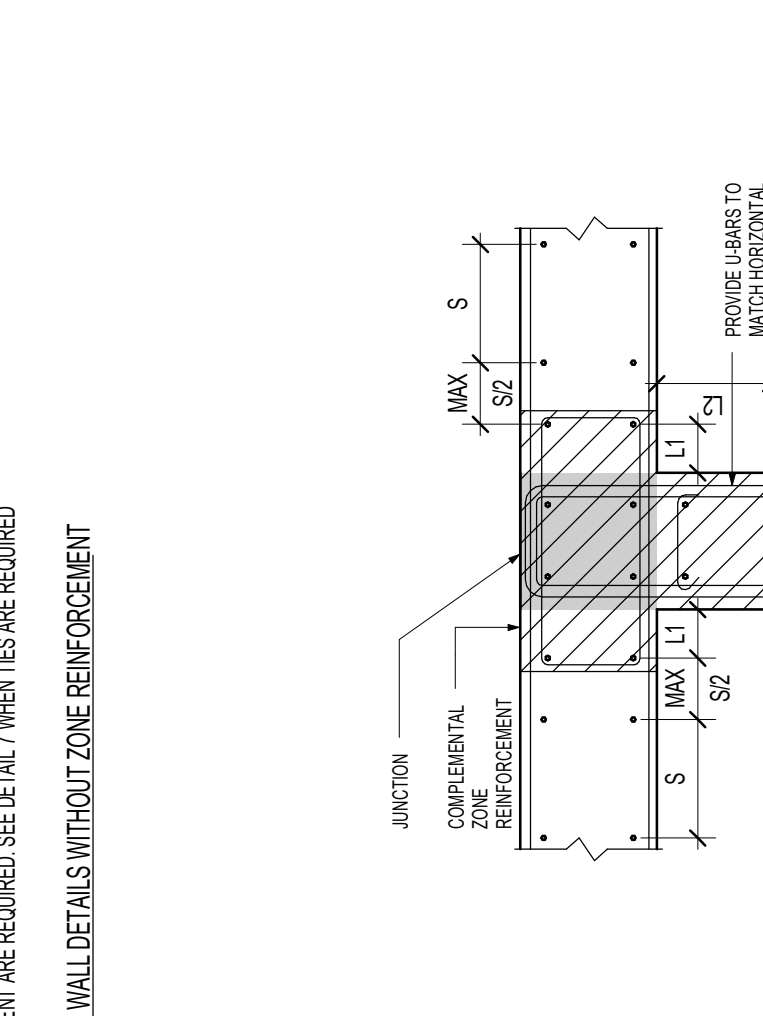
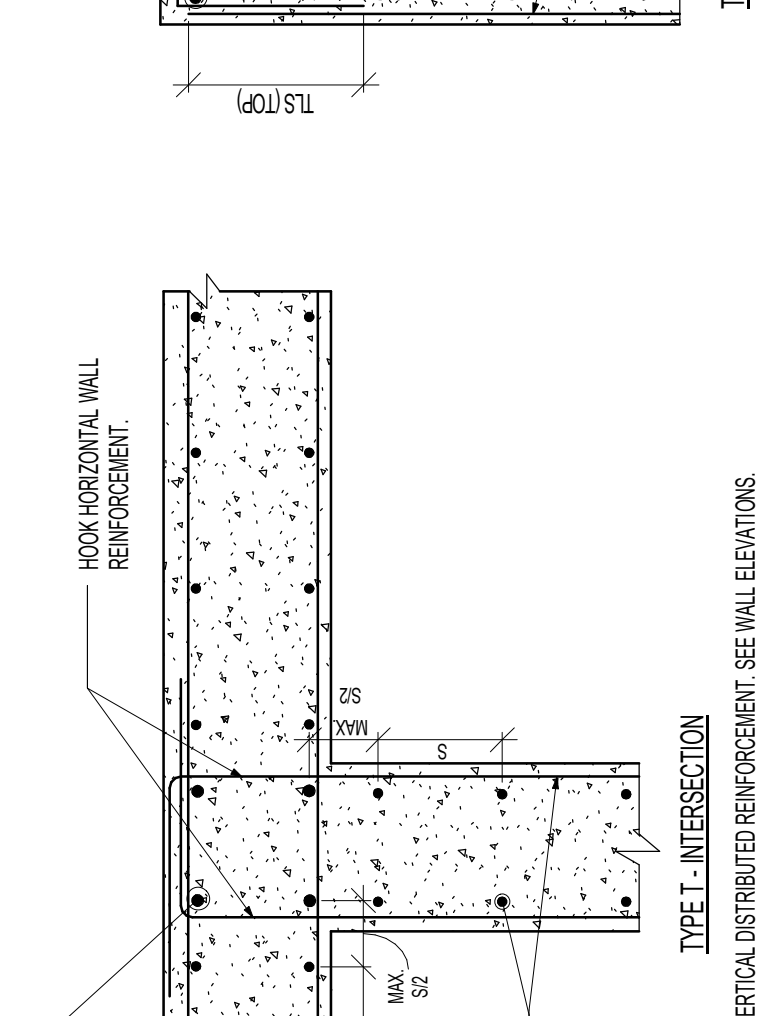
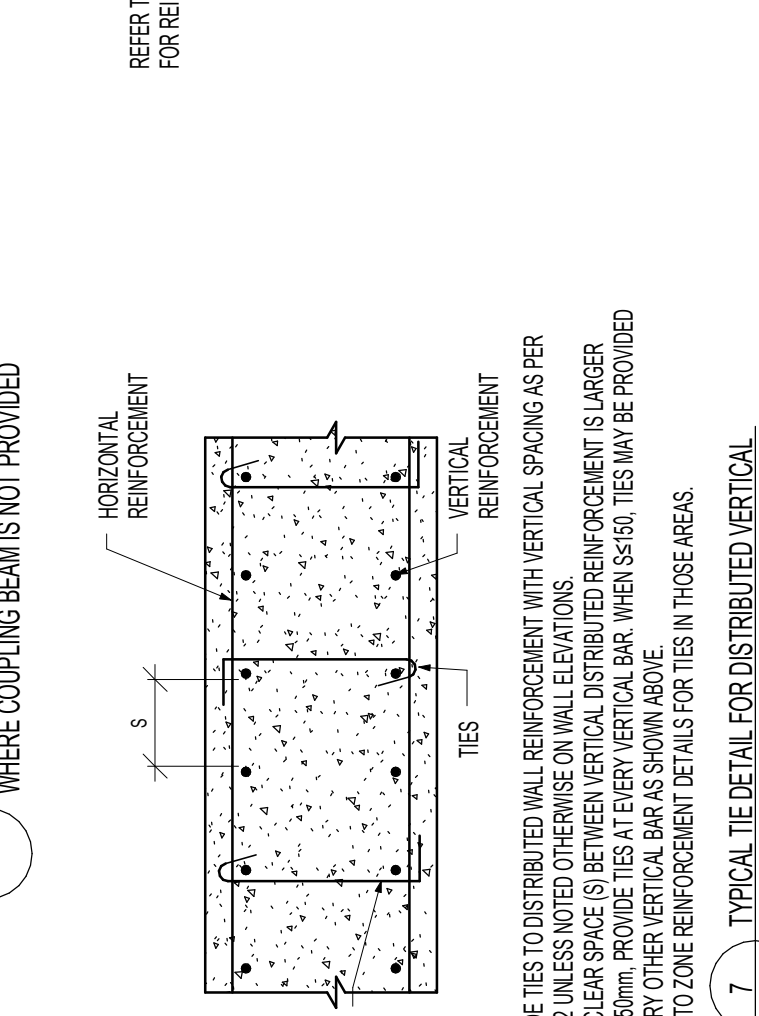
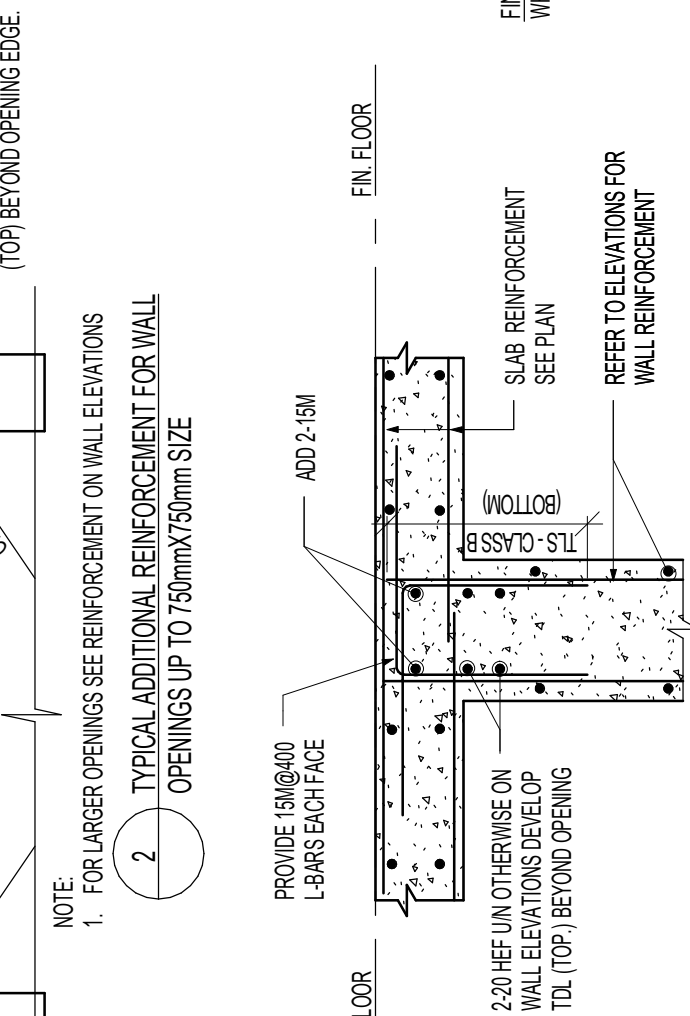
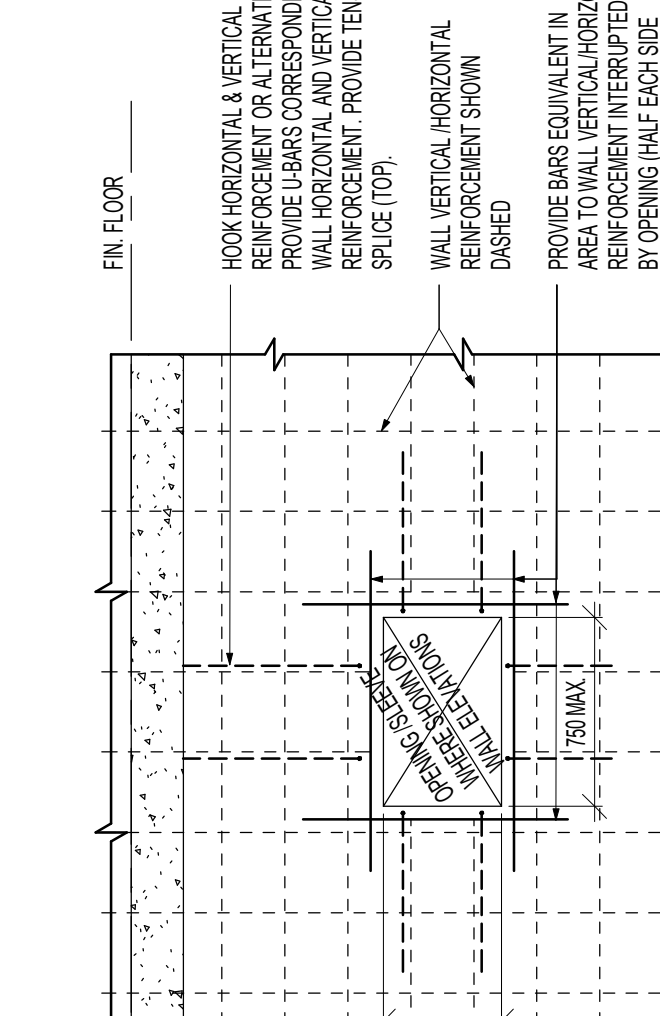
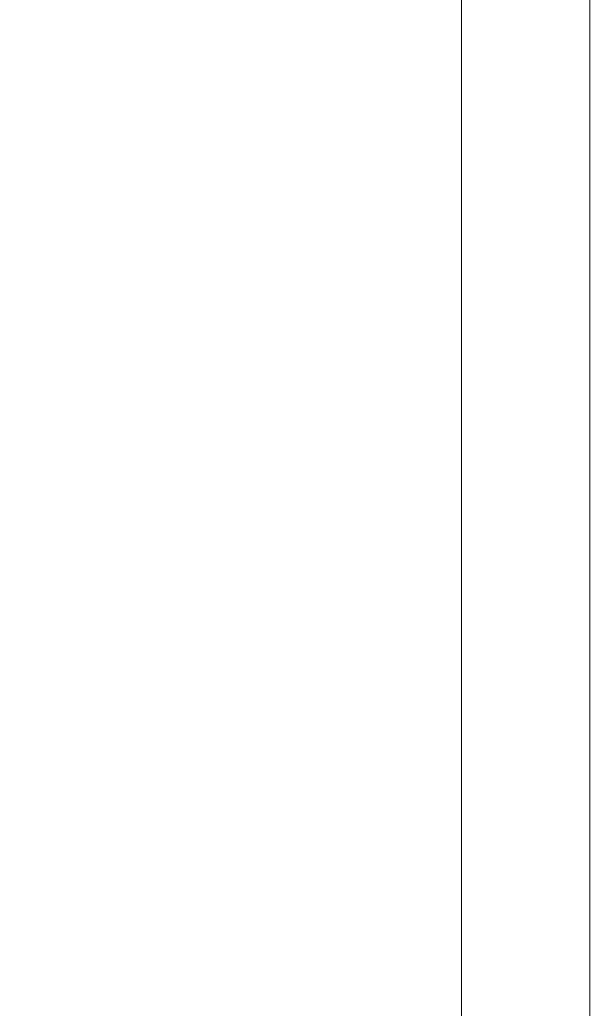
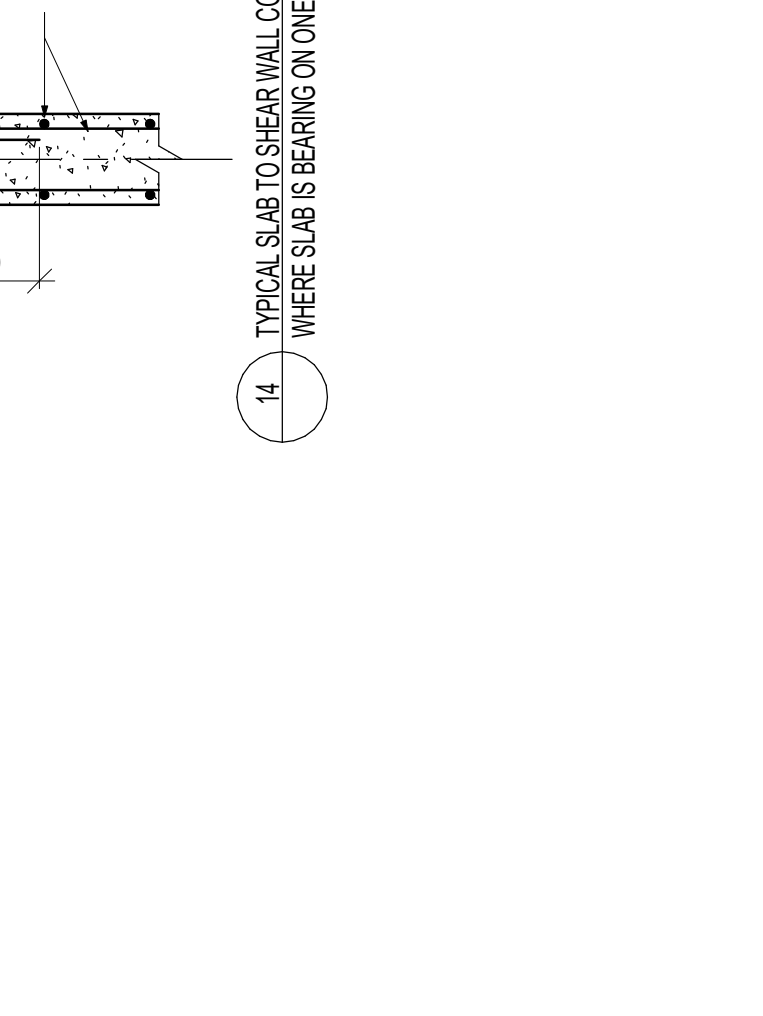
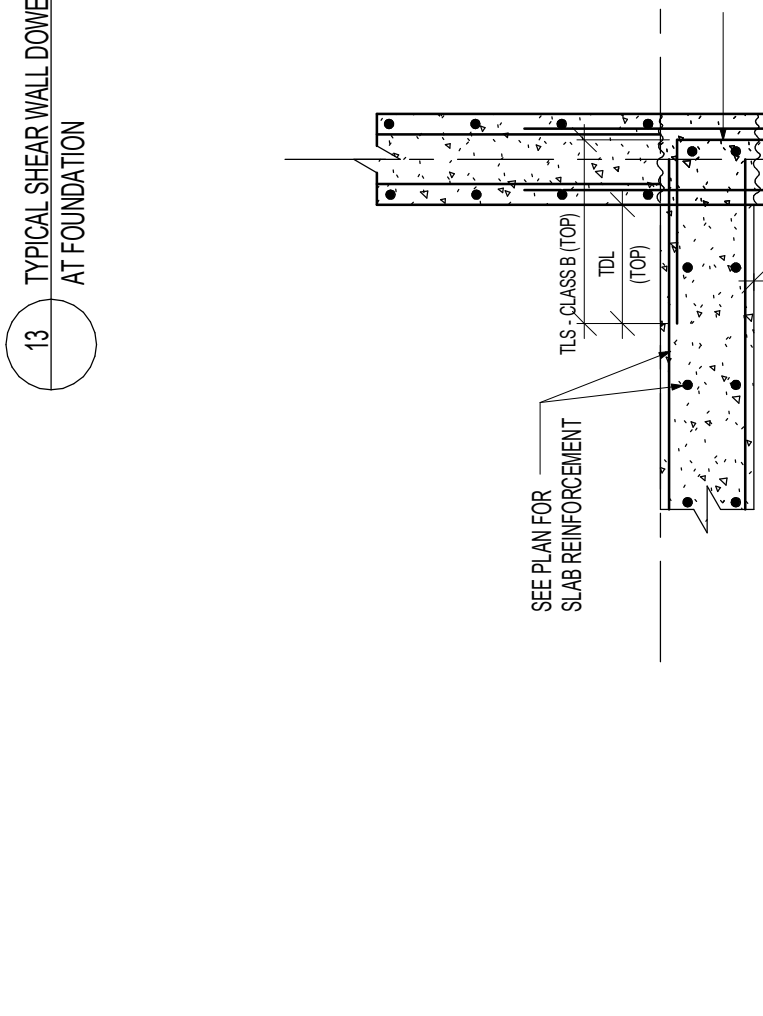
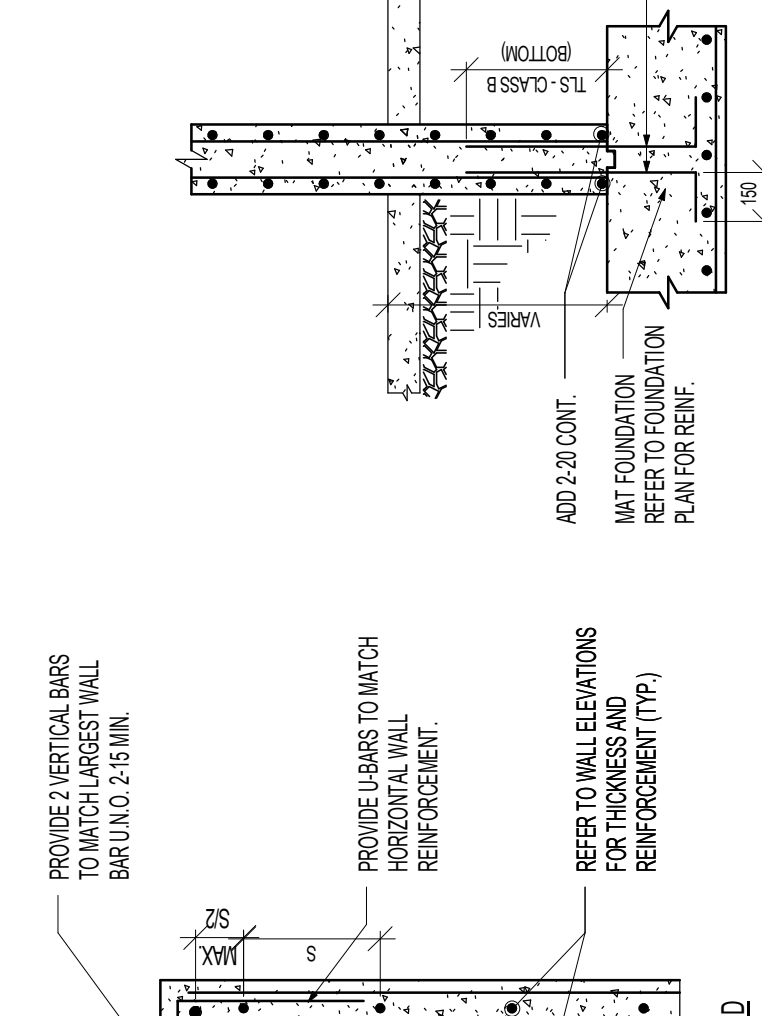
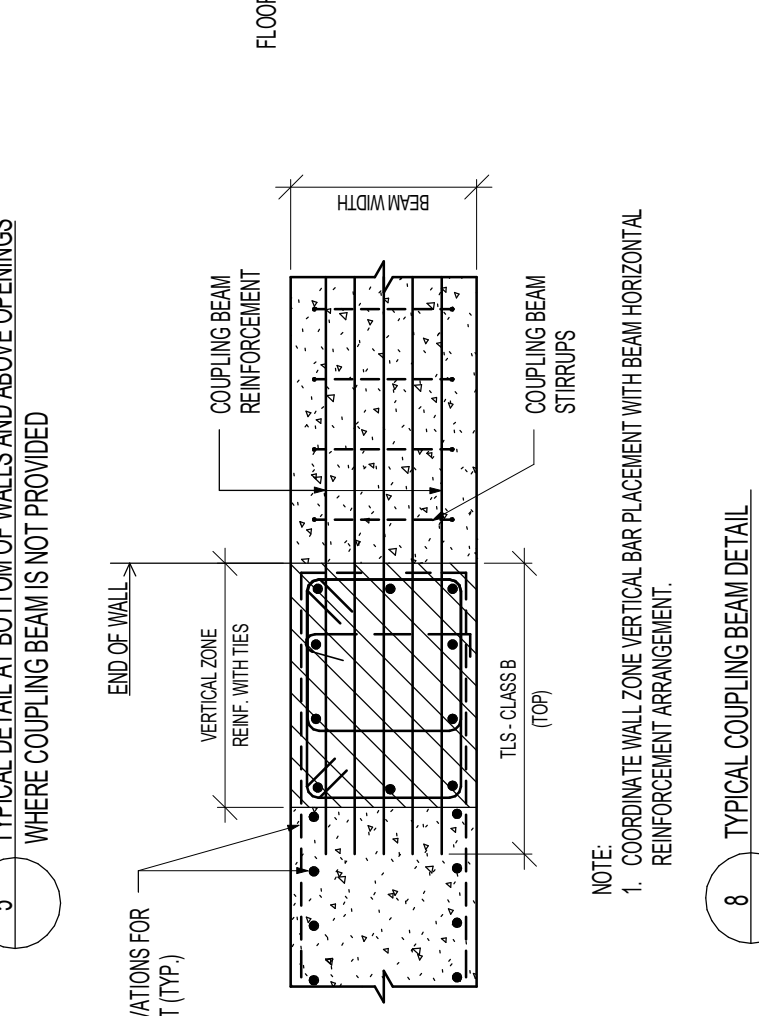
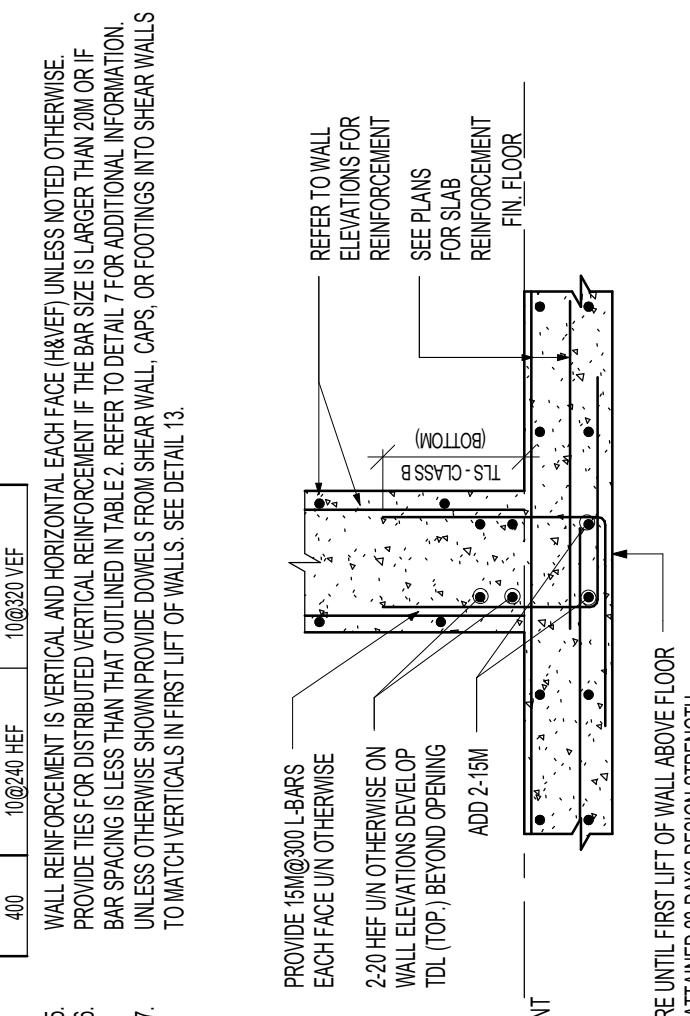
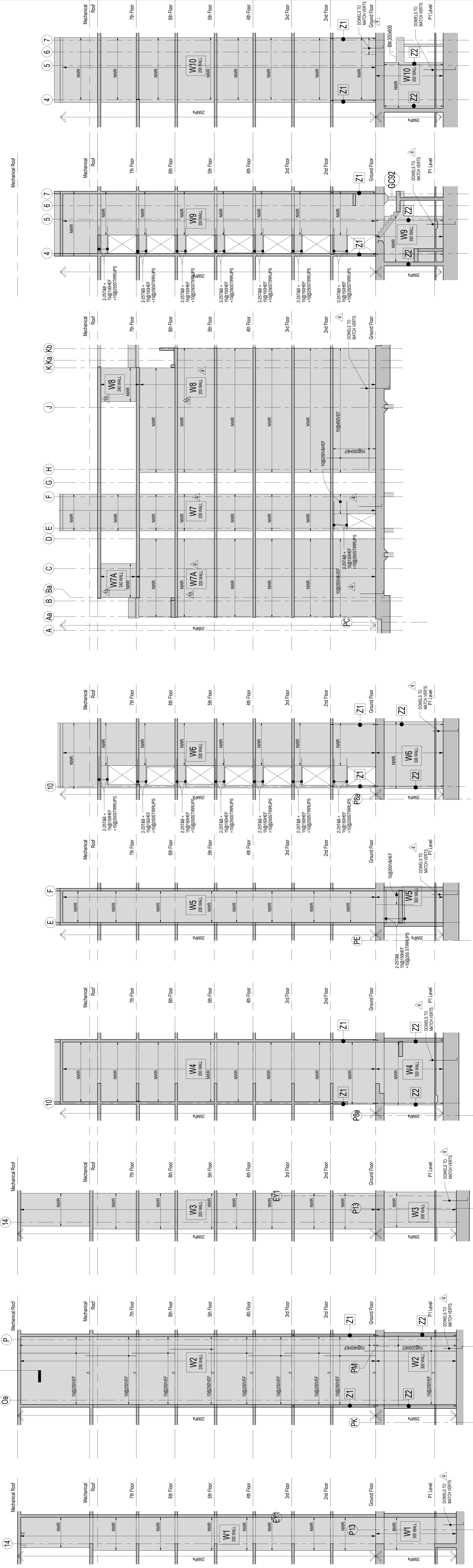


TABLE 1 - TYPICAL VERTICAL REINFORCEMENT (MM)									
WALL THICKNESS (mm)	WALL HEIGHT (mm)	WALL LENGTH (mm)	WALL AREA (mm²)	WALL VOLUME (mm³)	WALL WEIGHT (kg)	WALL STRENGTH (kN)	WALL DEFLECTION (mm)	WALL CRACKING (mm)	WALL CORROSION (mm)
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000
100	1000	1000	100000	1000000	100000	100000	100000	100000	100000



THE CONTRACTOR SHALL CHECK ALL
CONNECTIONS, MECHANICAL AND ELECTRICAL
INSTALLATIONS AND MATERIALS FOR
COMPLIANCE WITH THE CITY OF LOS ANGELES
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAR 18 2016	ISSUED FOR PERMIT
2	MAY 12 2016	ISSUED FOR PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 12 2017	ISSUED FOR PERMIT
5	MAY 12 2017	ISSUED FOR PERMIT
6	MAY 12 2017	ISSUED FOR PERMIT
7	MAY 12 2017	ISSUED FOR PERMIT
8	MAY 12 2017	ISSUED FOR PERMIT
9	MAY 12 2017	ISSUED FOR PERMIT
10	JUL 19 2017	IRC - ABOVE GRADE LEVELS



W1 WALL ELEVATION
S3-02 1:100

W2 WALL ELEVATION
S3-02 1:100

W3 WALL ELEVATION
S3-02 1:100

W4 WALL ELEVATION
S3-02 1:100

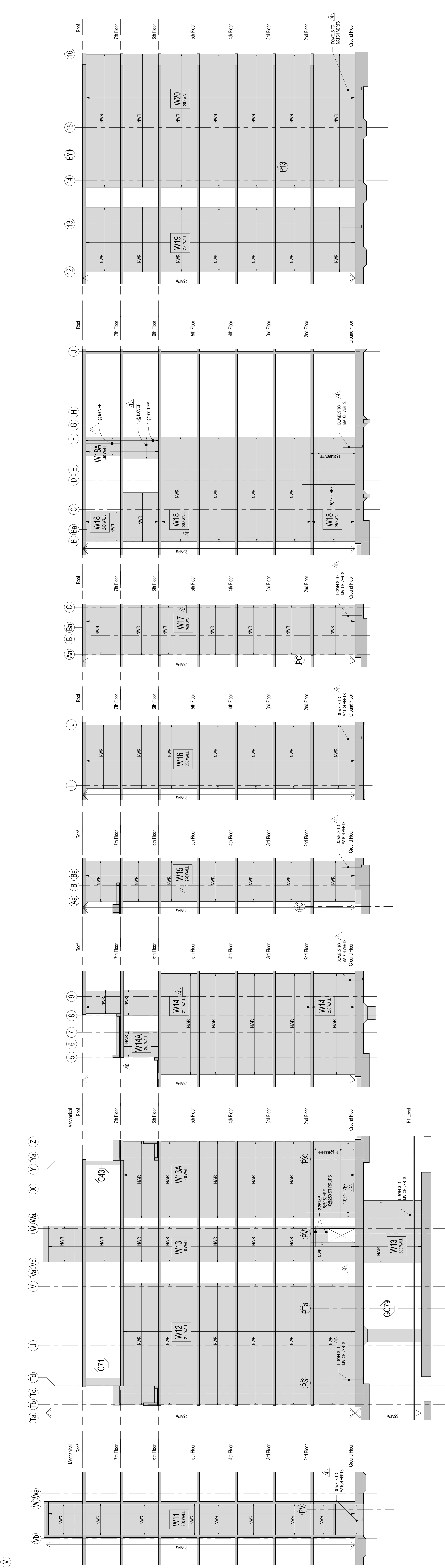
W5 WALL ELEVATION
S3-02 1:100

W6 WALL ELEVATION
S3-02 1:100

W7&W8 WALL ELEVATION
S3-02 1:100

W9 WALL ELEVATION
S3-02 1:100

W10 WALL ELEVATION
S3-02 1:100



W11 WALL ELEVATION
S3-02 1:100

W12&W13WALL ELEVATION
S3-02 1:100

W14 WALL ELEVATION
S3-02 1:100

W15 WALL ELEVATION
S3-02 1:100

W16 WALL ELEVATION
S3-02 1:100

W17 WALL ELEVATION
S3-02 1:100

W18 WALL ELEVATION
S3-02 1:100

W19&W20WALL ELEVATION
S3-02 1:100

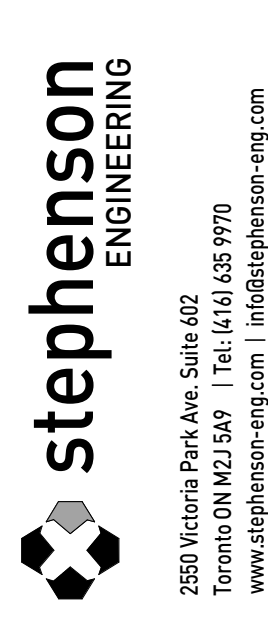
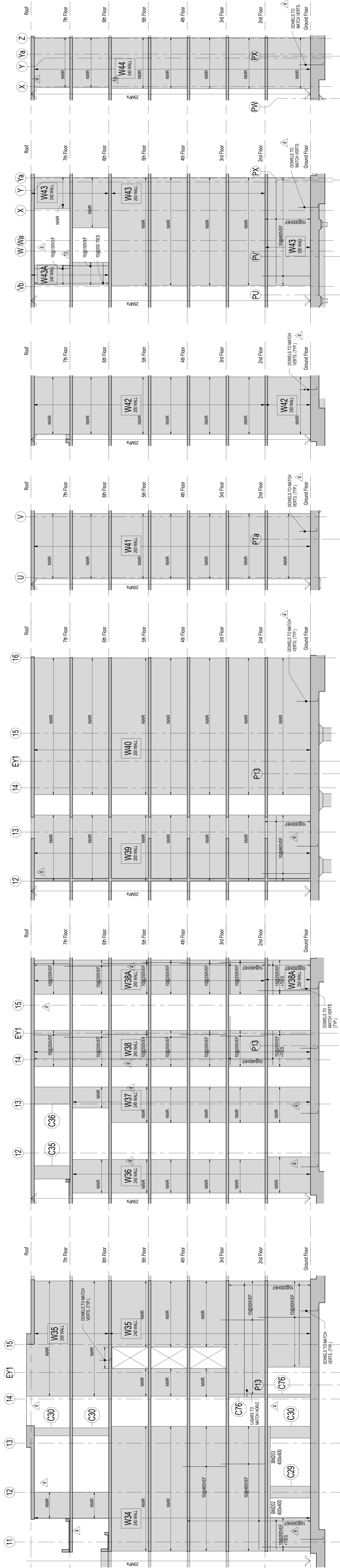
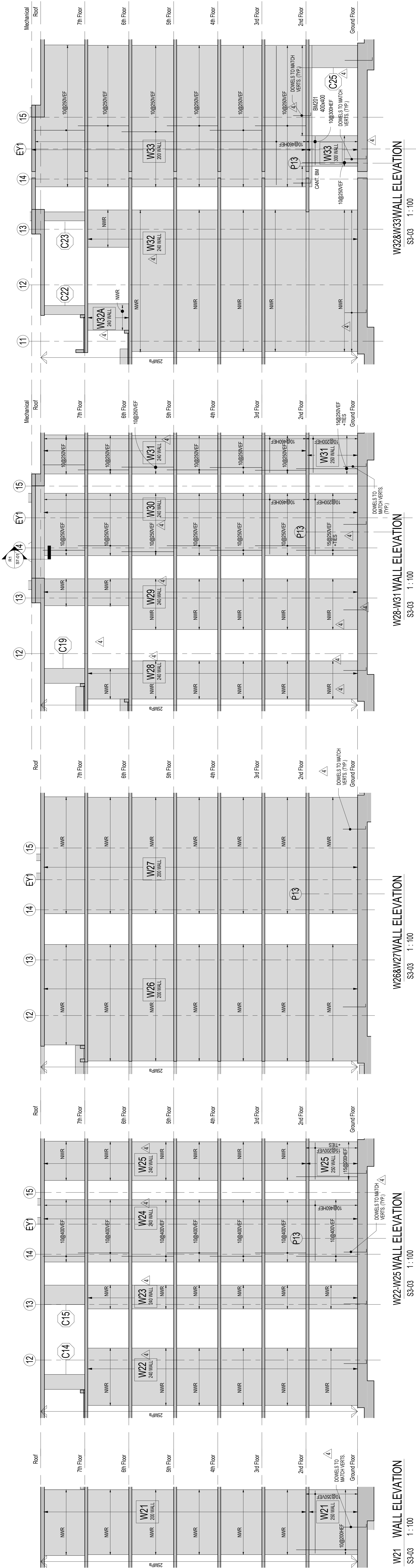
PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.
ROYAL PINEHOLMS
STOUFFVILLE ONTARIO

stephenson
ENGINEERING
2500 Highway 104, Suite 104
Stouffville, Ontario L4A 3W7
www.stephenson-eng.com | info@stephenson-eng.com

Drawn By: RS
Checked By: NHP/PAJ
Ref: DMR
Job #: 20140460
DECEMBER 2016

THE CONTRACTOR SHALL CHECK ALL
MECHANICAL, ELECTRICAL AND
ARCHITECTURAL MECHANICAL AND ELECTRICAL
WORK FOR CONFORMANCE WITH THE
ARCHITECT BEFORE PROCEEDING WITH WORK.

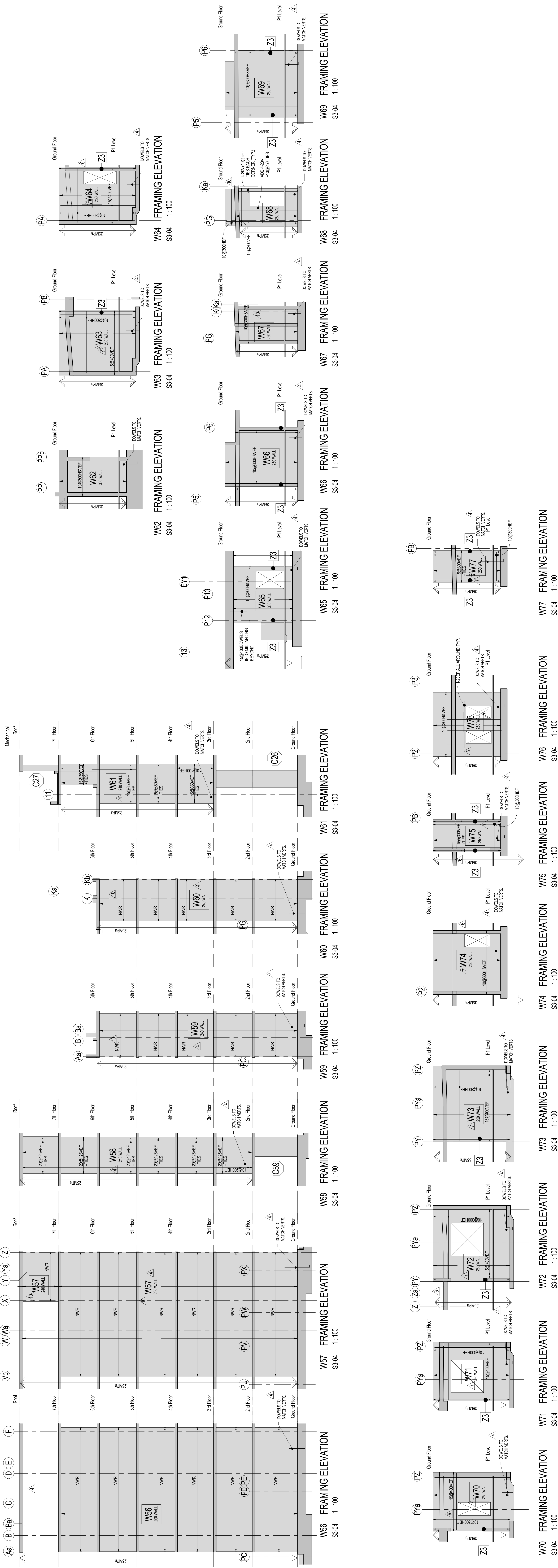
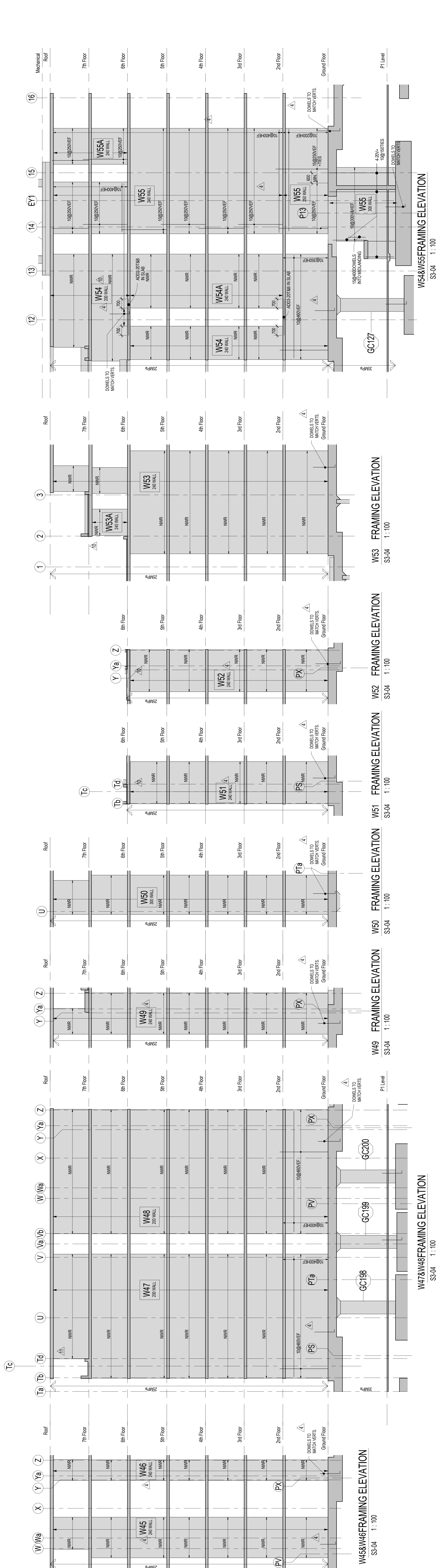
1	MAR 18 2016	ISSUED FOR PERMIT
2	MAY 18 2016	ISSUED FOR PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 18 2017	ISSUED FOR PERMIT
5	MAY 18 2017	ISSUED FOR PERMIT
6	MAY 18 2017	ISSUED FOR PERMIT



PROPOSED RESIDENTIAL DEVELOPMENT	
25 BAKER HILL BLVD.	
STOUFFVILLE	
ROYAL PINES HOMES	
ONTARIO	
Drawn By	RS
Checked By	NH/PJ/AS
Per Date	DECEMBER 2016
Job #	20140490

THE CONTRACTOR SHALL CHECK ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL WORK FOR CONFORMANCE WITH THE ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAR 18 2016	ISSUED FOR PERMIT
2	MAY 18 2016	ISSUED FOR PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 18 2017	ISSUED FOR PERMIT
5	MAY 18 2017	ISSUED FOR PERMIT
6	JUL 12 2017	ISSUED FOR PERMIT
7	JUL 11 2017	ICC-BELOW GRADE ELEV. RE-ISSUED
8	JUL 11 2017	ICC-BELOW GRADE ELEV. RE-ISSUED
9	JUL 11 2017	ICC-BELOW GRADE ELEV. RE-ISSUED
10	JUL 11 2017	ICC-BELOW GRADE ELEV. RE-ISSUED
11	JUL 11 2017	ISSUED FOR PERMIT
12	JUL 11 2017	ISSUED FOR PERMIT
13	JUL 11 2017	ISSUED FOR PERMIT



Stephenson
ENGINEERING
255 Baker Hill Blvd., Suite 200
Stoughton, MA 01972
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PROPOSED RESIDENTIAL DEVELOPMENT	
25 BAKER HILL BLVD.	
STOUGHTON	ROYAL PINES HOMES
OHIO	
Drawn By	RS
Checked By	NHP/PJ/AS
Ref Date	DECEMBER 2016
Job #	20140490

1	MAR 19 2016	ISSUED FOR TENDER
2	FEB 28 2016	ISSUED FOR BUILDING PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	JUN 15 2017	STRUCTURAL ADOPTION
5	JUL 07 2017	IFC - BELOW GRADE LEVEL
6	JUL 07 2017	IFC - ABOVE GRADE LEVEL
7	AUG 19 2017	IFC - ABOVE GRADE LEVEL

1	MAR. 18. 2016	ISSUED FOR TENDER
2	DEC. 28. 2016	ISSUED FOR BUILDING PERMIT
3	MAY. 09. 2017	ISSUED FOR FOUNDATION PERMIT
4	JUN. 15. 2017	STRUCTURAL ADDENDUM#1
6	JUL. 07. 2017	IFC - BELOW GRADE LEVEL
10	JUL. 19. 2017	IFC - ABOVE GRADE LEVELS

[illegible][illegible][illegible]

STRUCTURAL STEEL NOTES	T-A03A
1. STRUCTURAL STEEL DESIGNATIONS AND CONNECTIONS SHALL CONFORM TO CAN STANDARDS S16 AND S358, UNLESS OTHERWISE SPECIFIED.	
2. REFER TO T-003A FOR ALL DIMENSIONS, UNLESS OTHERWISE SPECIFIED.	
3. WELDING SHALL CONFORM TO CAN STANDARDS W58 AND BE PERFORMED BY A FABRICATOR CERTIFIED TO ISO 9001.	
4. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 30% OF THE BEAM SHEAR CAPACITY TO BE TRANSFERRED INTO THE JOINT. THE JOINT SHALL BE DESIGNED TO BE THE WEAK LINK OF THE CONNECTIONS.	
5. ALL DIMENSIONS SHALL BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.	
6. STRUCTURAL STEEL SECTIONS SHALL CONFORM TO CAN STANDARDS G40.21 AND G40.22.	
7. ALL DIMENSIONS SHALL BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.	
8. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
9. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
10. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
11. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
12. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
13. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
14. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
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16. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
17. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
18. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
19. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
20. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
21. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
22. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
23. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
24. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
25. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
26. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
27. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
28. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
29. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
30. WELDS SHALL BE IN ACCORDANCE WITH CAN STANDARDS W58 AND W59.	
31. FABRICATION, HANDLING AND ERECTION TO CONFORM TO CAN CANADA S16, S358, S358.1, S358.2, S358.3, S358.4, S358.5, S358.6, S358.7, S358.8, S358.9, S358.10, S358.11, S358.12, S358.13, S358.14, S358.15, S358.16, S358.17, S358.18, S358.19, S358.20, S358.21, S358.22, S358.23, S358.24, S358.25, S358.26, S358.27, S358.28, S358.29, S358.30, S358.31, S358.32, S358.33, S358.34, S358.35, S358.36, S358.37, S358.38, S358.39, S358.40, S358.41, S358.42, S358.43, S358.44, S358.45, S358.46, S358.47, S358.48, S358.49, S358.50, S358.51, S358.52, S358.53, S358.54, S358.55, S358.56, S358.57, S358.58, S358.59, S358.60, S358.61, S358.62, S358.63, S358.64, S358.65, S358.66, S358.67, S358.68, S358.69, S358.70, S358.71, S358.72, S358.73, S358.74, S358.75, S358.76, S358.77, S358.78, S358.79, S358.80, S358.81, S358.82, S358.83, S358.84, S358.85, S358.86, S358.87, S358.88, S358.89, S358.90, S358.91, S358.92, S358.93, S358.94, S358.95, S358.96, S358.97, S358.98, S358.99, S358.100, S358.101, S358.102, S358.103, 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5	CAST-IN-PLACE CONCRETE NOTES	T-402
GENERAL	1. PROVIDE ALL NECESSARY MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK DESCRIBED IN THESE NOTES. 2. BEFORE ALSO TO OPERATIONAL NOTES, MATERIALS AND METHODS, QUALITIES, PLANT, DETAILS AND PROTECTIVE MEASURES.	
PRODUCTS	1. PROVIDE ALL NECESSARY MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK DESCRIBED IN THESE NOTES. 2. BEFORE ALSO TO OPERATIONAL NOTES, MATERIALS AND METHODS, QUALITIES, PLANT, DETAILS AND PROTECTIVE MEASURES.	
CONSTRUCTION	1. PROVIDE ALL NECESSARY MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK DESCRIBED IN THESE NOTES. 2. BEFORE ALSO TO OPERATIONAL NOTES, MATERIALS AND METHODS, QUALITIES, PLANT, DETAILS AND PROTECTIVE MEASURES.	
FINISHES	1. PROVIDE ALL NECESSARY MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK DESCRIBED IN THESE NOTES. 2. BEFORE ALSO TO OPERATIONAL NOTES, MATERIALS AND METHODS, QUALITIES, PLANT, DETAILS AND PROTECTIVE MEASURES.	
MAINTENANCE	1. PROVIDE ALL NECESSARY MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK DESCRIBED IN THESE NOTES. 2. BEFORE ALSO TO OPERATIONAL NOTES, MATERIALS AND METHODS, QUALITIES, PLANT, DETAILS AND PROTECTIVE MEASURES.	

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3	3
2	4
1	5

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11. ONE ANGLE @ 100mm C/C @ 100mm C/C FOR EACH 10mm C/C OF WALL THICKNESS OR PORTION THEREOF. 12. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1") FOR OPENINGS FROM 100mm (4") CLEAR TO 1500mm (6') CLEAR. 21. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1") OF WALL THICKNESS OR PORTION THEREOF. 22. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1")	11. ONE ANGLE @ 100mm C/C @ 100mm C/C FOR EACH 10mm C/C OF WALL THICKNESS OR PORTION THEREOF. 12. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1") FOR OPENINGS FROM 100mm (4") CLEAR TO 1500mm (6') CLEAR. 21. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1") OF WALL THICKNESS OR PORTION THEREOF. 22. 20mm (1") DEEP MASONRY LINTEL BLOCK REINFORCED WITH 19MM BOTTOM FOR EACH 10mm (1") 13. MASONRY LINTEL BLOCKS MAY ONLY BE USED IN LOAD-BEARING WALLS WITH PERMISSION AND MUST BE FILLED WITH MORTAR. 14. ALL LINTELS TO BE 100mm (4") MINIMUM AT EACH END ON SOLID MASONRY. LINTELS SHOWN OTHERWISE. 15. PROTECT LINTEL ANGLES ARE TO BE BUILT OR WELDED TOGETHER PRIOR TO SUPPLY. AT MAXIMUM 40mm (1 1/2") MAXIMUM. 16. STEEL LINTELS ARE TO BE SUPPLIED BY STEEL CONTRACTOR BUT PLACED BY GENERAL CONTRACTOR OR STEEL CONTRACTOR TO SUPPLY. ALL NECESSARY PROTECTORS REQUIRED FOR PLACING STEEL LINTELS. 17. STEEL LINTELS ARE TO BE SUPPLIED BY STEEL CONTRACTOR BUT PLACED BY GENERAL CONTRACTOR OR STEEL CONTRACTOR TO SUPPLY. ALL NECESSARY PROTECTORS REQUIRED FOR PLACING STEEL LINTELS. 18. DOORS, MECHANICAL AND ELECTRICAL SERVICES, ROSSSES AND POLES ETC., THROUGH LOAD-BEARING WALLS TO BE SUPPLIED BY STEEL CONTRACTOR BUT PLACED BY GENERAL CONTRACTOR OR STEEL CONTRACTOR TO SUPPLY. ALL NECESSARY PROTECTORS REQUIRED THROUGH ALL WALLS INCLUDING THROUGH LOAD-BEARING WALLS THROUGHOUT THE PROJECT. LINTELS REFERRED TO US TO TYPICAL LINTELS.
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[illegible][illegible][illegible]

SLAB ON GRADE DETAILS

SMC CONTROL JOINT
SLC 7/8\"/>

FOR SLABS WITH ONE LAYER OF REINFORCEMENT

SMC CONTROL JOINT
SLC 7/8\"/>

FOR SLABS WITH TWO LAYERS OF REINFORCEMENT

CONSTRUCTION AND DIMENSIONS

THICKNESS	SLAB COVERS	JOINTS, SLAB AND DIMENSIONS
10 to 12 in.	AS PER	2500/20/12
12 to 14 in.	AS PER	2500/20/14
14 to 16 in.	AS PER	2500/20/16

TYPICAL JOINTS IN EXTERIOR CONCRETE FOUNDATION WALLS

VERTICAL CONTROL JOINT AT EXTERIOR CONCRETE WALL

Labels: FORMWORK OR BOARDING, BACKFILL, PC CHAIRS, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT.

VERTICAL EXPANSION JOINT AT EXTERIOR CONCRETE WALL

Labels: FORMWORK OR BOARDING, BACKFILL, PC CHAIRS, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT.

TYPICAL JOINTS IN INTERIOR CONCRETE FOUNDATION WALLS

VERTICAL CONTROL JOINT AT INTERIOR CONCRETE WALL

Labels: FORMWORK OR BOARDING, BACKFILL, PC CHAIRS, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT.

VERTICAL EXPANSION JOINT AT INTERIOR CONCRETE WALL

Labels: FORMWORK OR BOARDING, BACKFILL, PC CHAIRS, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT, WEATHERSTRIPPING, EXTERIOR FINISH, JOINT SEALANT.

TOP VIEW

BOTTOM VIEW

BEAM

COLUMN

REINFORCEMENT

STIRRUPS

TOP BARS

BOTTOM BARS

CROSS SECTION BARS

CONNECTION TO COLUMN

INCHES (IN)

FEET (FT)

[illegible]

001

TYPICAL ELEVATION

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

CONCRETE EXPOSURE

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

CONCRETE EXPOSURE

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

CONCRETE EXPOSURE

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

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CONCRETE EXPOSURE

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

CONCRETE EXPOSURE

2017

CONCRETE EXPOSURE

1:120:30:60 AOR 1/16" G

CONCRETE EXPOSURE

TABLE	PROJECT SPECIFIC COMMENTS	BAR SIZE	CHLORES WITH/ WITHOUT FREEZE THAW COVER TO ALL FACES (mm)				NO CHLORES WITH/ WITHOUT FREEZE THAW COVER TO ALL FACES (mm)			
			FIRE RATING		FIRE RATING		FIRE RATING		FIRE RATING	
			3.5 HR	4.0 HR	3.5 HR	4.0 HR	3.5 HR	4.0 HR	3.5 HR	4.0 HR
		Ø 12.5MM	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a
		5MM	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a
		Ø 12.5MM	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a
		5MM	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a
		Ø 12.5MM	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a
		5MM	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a
		Ø 12.5MM	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a	40 (70) ^a	45 (60) ^a
		5MM	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a	45 (70) ^a	45 (60) ^a

a) 10% OF THE CHLORES DEFORMATION OF REINFORCEMENT REINFORCEMENT IS ALLOWED TO BE USED IN THE DESIGN DRAWINGS.

b) 10% OF THE CHLORES DEFORMATION OF REINFORCEMENT REINFORCEMENT IS ALLOWED TO BE USED IN THE DESIGN DRAWINGS.

TYPICAL CONCRETE COVER	
VERTICAL ELEMENTS	ANY WALLS EXPOSED TO FIRE ON ONE SIDE CANTERMENT WALLS AND TANK FOUNDATION WALLS ANY WALLS EXPOSED TO FIRE ON BOTH SIDES SHALL MINIMUM 50mm
COLUMNS	COLUMNS EXPOSED TO FIRE ON BOTH SIDES SHALL MINIMUM 50mm
HORIZONTAL ELEMENTS	ALL BEAMS IN PARKING GARAGE TO BE EXPOSED TO FIRE SHALL HAVE MINIMUM 50mm REMAINDER OF STRUCTURE ASSUMED TO BE UNIMPACTED ALL SLABS IN PARKING GARAGE TO BE EXPOSED TO FIRE SHALL HAVE MINIMUM 50mm REMAINDER OF STRUCTURE ASSUMED TO BE UNIMPACTED
SLABS	SLABS EXPOSED TO EARTH ELEMENTS SLABS EXPOSED TO EARTH (SIDE AND TOP OF FOOTINGS) CAST AGAINST AND PERMANENTLY EXPOSED TO SOIL (UNDERSEDS OF FOOTINGS)
TABLE NOTES	1. CONCRETE COVER SHALL BE MEASURED FROM THE EXTERIOR SURFACE OF THE SLAB OR FROM THE TOP OF THE COLUMN OR FROM THE BOTTOM OF THE BEAM. 2. FOR CONCRETE COVER IN HORIZONTAL BEAMS, REFER TO THE DRAWING FOR THE LOCATION OF THE COVER. 3. FOR WALLS WITH AN EXTERIOR FACE TO EXTERIOR, THE COVER SHALL BE MEASURED FROM THE EXTERIOR FACE.

[illegible]

THE CONTRACTOR SHALL CHECK ALL
CONCRETE WORK FOR COMPLIANCE WITH
ARCHITECTURAL, MECHANICAL AND ELECTRICAL
REQUIREMENTS AND SHALL REPORT ANY
ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAY 18 2016	ISSUED FOR PERMIT
2	MAY 18 2016	ISSUED FOR PERMIT
3	MAY 09 2017	ISSUED FOR FOUNDATION PERMIT
4	MAY 18 2017	ISSUED FOR PERMIT
5	MAY 18 2017	ISSUED FOR PERMIT
6	MAY 18 2017	ISSUED FOR PERMIT
7	MAY 18 2017	ISSUED FOR PERMIT
8	MAY 18 2017	ISSUED FOR PERMIT
9	MAY 18 2017	ISSUED FOR PERMIT
10	MAY 18 2017	ISSUED FOR PERMIT



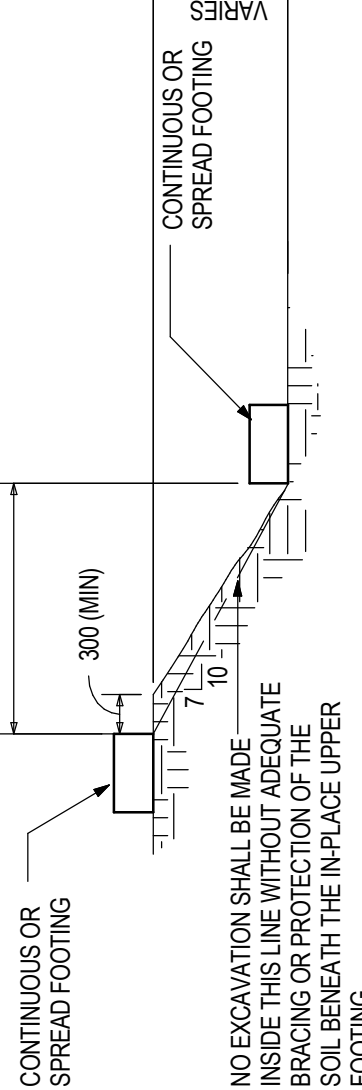
PROPOSED RESIDENTIAL DEVELOPMENT	
25 BAKER HILL BLVD.	
STOUFFVILLE ONTARIO	
Drawn By	RS
Checked By	NH/PZ/JAS
Per Date	DECEMBER 2016
Job #	20140460

TYPICAL DETAILS

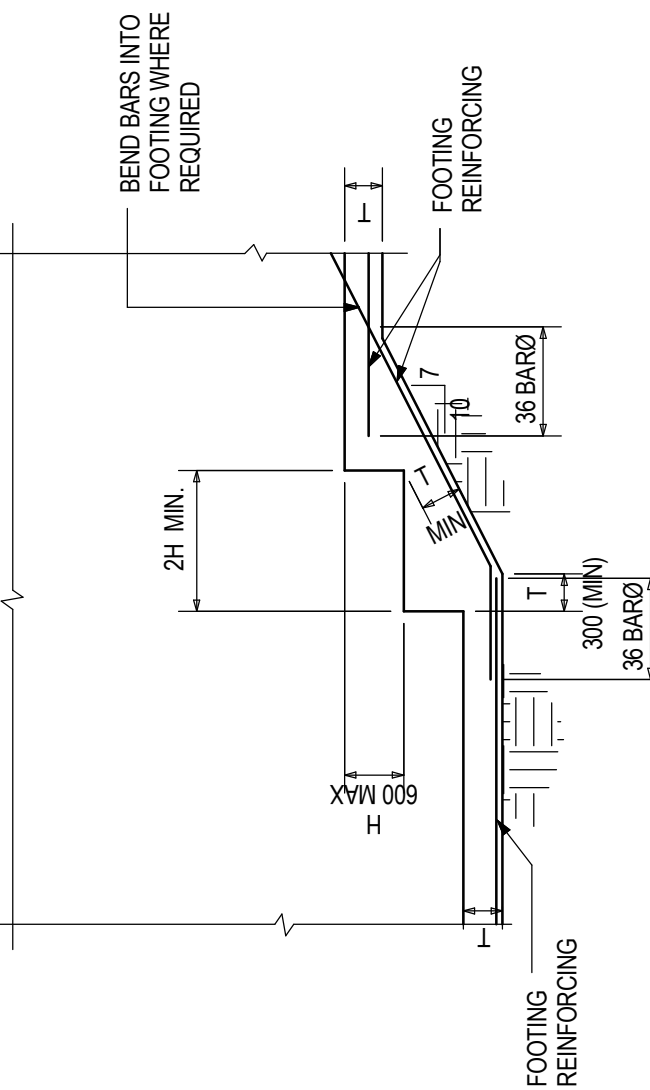
1 : 1 S8-04

TYPICAL STEPPED FOOTING DETAILS

T-F09



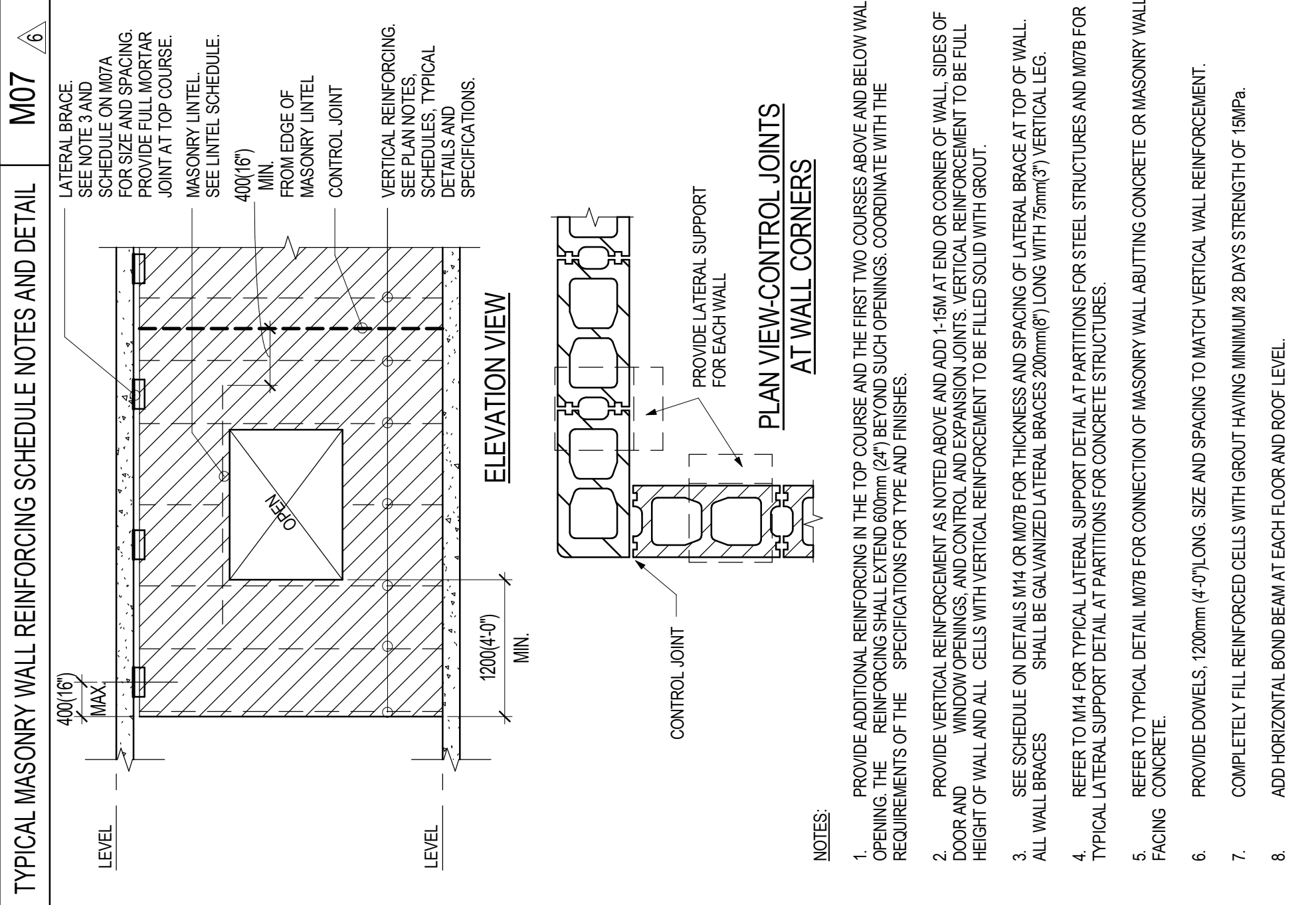
TYPICAL DETAIL OF SLOPE BETWEEN
FOOTING AND ADJACENT CONSTRUCTION



TYPICAL DETAIL OF STEPPED WALL FOOTING

• ALTERNATIVES WHERE EXPOSED FACE OF SINGLE
2 DOUBLE ENDINGS (SEE BELOW)
COULD BE USED TO SAVE

NON-LOAD BEARING BLOCK WALL UNTELS									
WALL THICKNESS	WALL HEIGHT	WALL THICKNESS	WALL HEIGHT	WALL THICKNESS	WALL HEIGHT	WALL THICKNESS	WALL HEIGHT	WALL THICKNESS	WALL HEIGHT
100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.



NON-LOAD BEARING MASONRY PARTITION REINFORCING SCHEDULE (F&S) 2016									
PARTITIONS IN BASEMENT (INTERIOR)									
BLOCK	HEIGHT	REINFORCING	REINFORCING	REINFORCING	REINFORCING	REINFORCING	REINFORCING	REINFORCING	REINFORCING
100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)	100	10' 0" (3.05m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)	150	15' 0" (4.57m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)	200	20' 0" (6.10m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)	250	25' 0" (7.62m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.
300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)	300	30' 0" (9.14m)
(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.	(F)	3" x 1/2" P.L.

