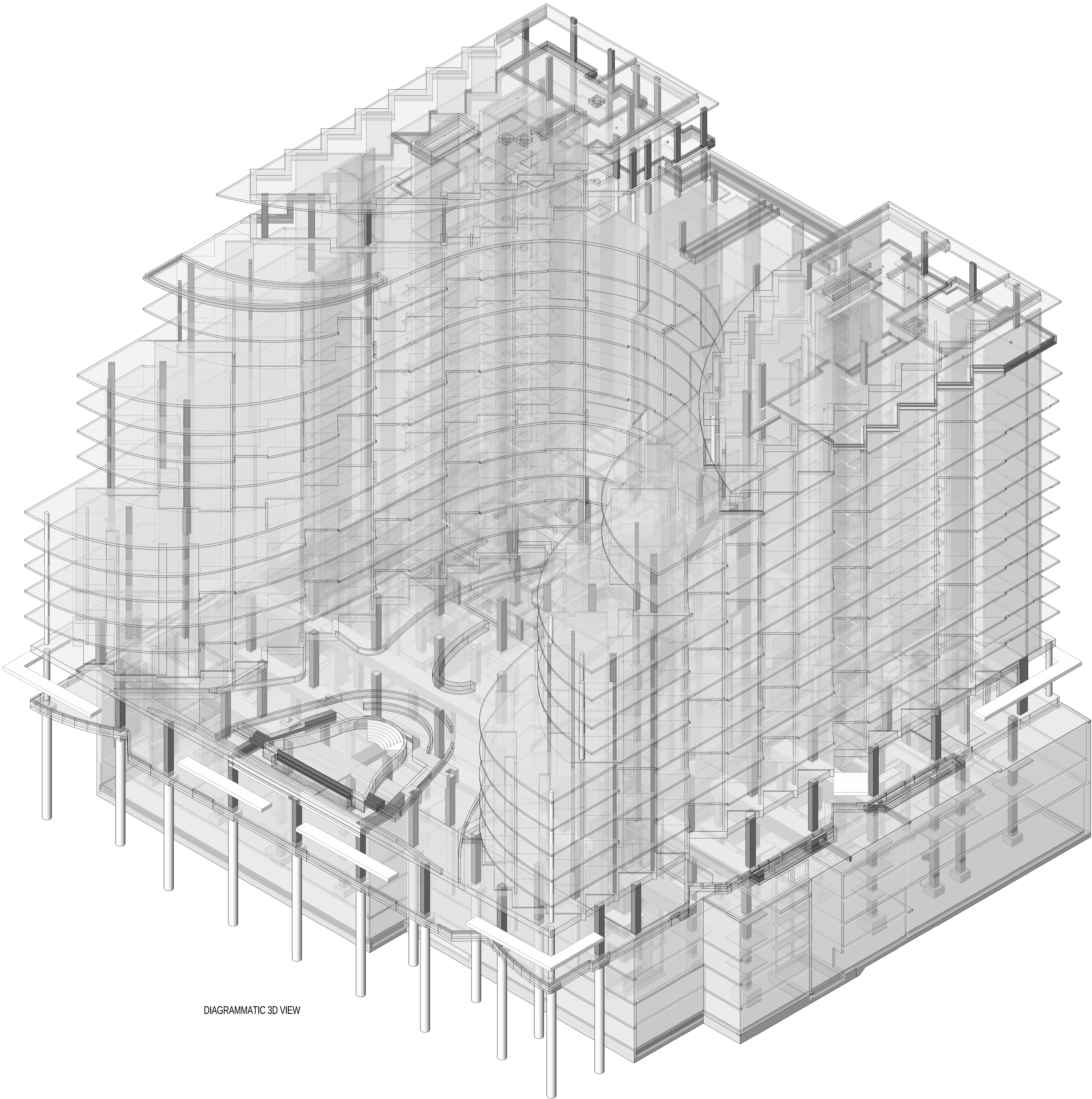




DIAGRAMMATIC 3D VIEW

DRAWING LIST	
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S0 SERIES - COVER SHEET	
S0-01	COVER SHEET
S1 SERIES - PLANS	
S1-01	FOUNDATION PLAN
S1-02	LEVEL P3 FLOOR FRAMING PLAN
S1-03	LEVEL P2 FLOOR FRAMING PLAN
S1-04	LEVEL P1 FLOOR FRAMING PLAN
S1-05	LEVEL P1 MEZZANINE FRAMING PLAN
S1-06	LEVEL 1-GROUND FLOOR FRAMING PLAN - WITH TOP REINFORCEMENT AND DETAILS
S1-07	LEVEL 1-GROUND FLOOR FRAMING PLAN - WITH BOTTOM REINFORCEMENT AND SCHEDULES
S1-08	LEVEL L1 MEZZANINE FRAMING PLAN
S1-09	LEVEL 2 FLOOR FRAMING PLAN
S1-10	LEVEL 3 FLOOR FRAMING PLAN
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S1-14	LEVEL 7 FLOOR FRAMING PLAN
S1-15	LEVEL 8 FLOOR FRAMING PLAN
S1-16	LEVEL 9 FLOOR FRAMING PLAN
S1-17	LEVEL 10 FLOOR FRAMING PLAN
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S1-19	LEVEL 12 / PH1 FLOOR FRAMING PLAN
S1-20	LEVEL 13/PH2 MECH. FLOOR FRAMING PLAN
S1-21	ROOF FRAMING PLANS
S2 SERIES - SCHEDULES	
S2-01	COLUMN SCHEDULES - LEVEL 2 AND BELOW
S2-02	COLUMN SCHEDULE - LEVEL 2 ABOVE AND CONNECTION PLATE SCHEDULE
S2-03	BEAM SCHEDULES
S3 SERIES - WALL ELEVATIONS	
S3-01	WALL ELEVATIONS AND NOTES
S3-02	WALL ELEVATIONS
S3-03	WALL ELEVATIONS
S3-04	WALL ELEVATIONS
S3-05	WALL ELEVATIONS
S3-06	WALL ELEVATIONS
S3-07	WALL ELEVATIONS
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S4 SERIES - FOUNDATION ELEVATION AND SECTIONS	
S4-01	FOUNDATION ELEVATIONS
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S5 SERIES - PODIUM FLOOR SECTIONS	
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S8 SERIES - TYPICAL NOTES & DETAILS	
S8-01	GENERAL NOTES & TYPICAL DETAILS
S8-02	TYPICAL DETAILS

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4	BUILDING PERMIT	SEPT 21, 2015
3	REVISION	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 02, 2015
NO	ISSUED FOR	DATE

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
COVER SHEET

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

Drawn by
DC
Checked by
BBS
20140031
Project No.
SEPT 21, 2015
Date
Drawing No.

S0-01

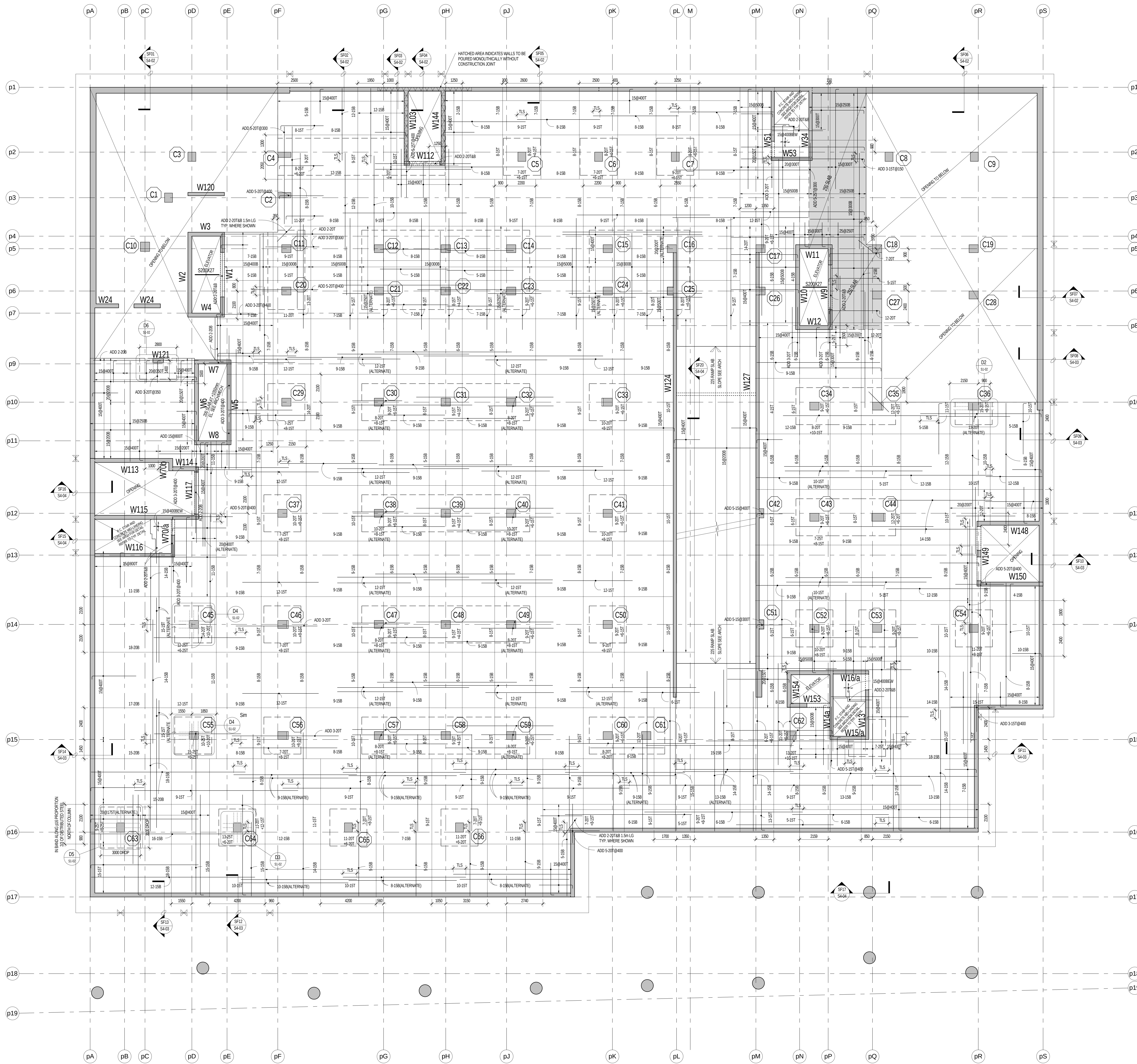
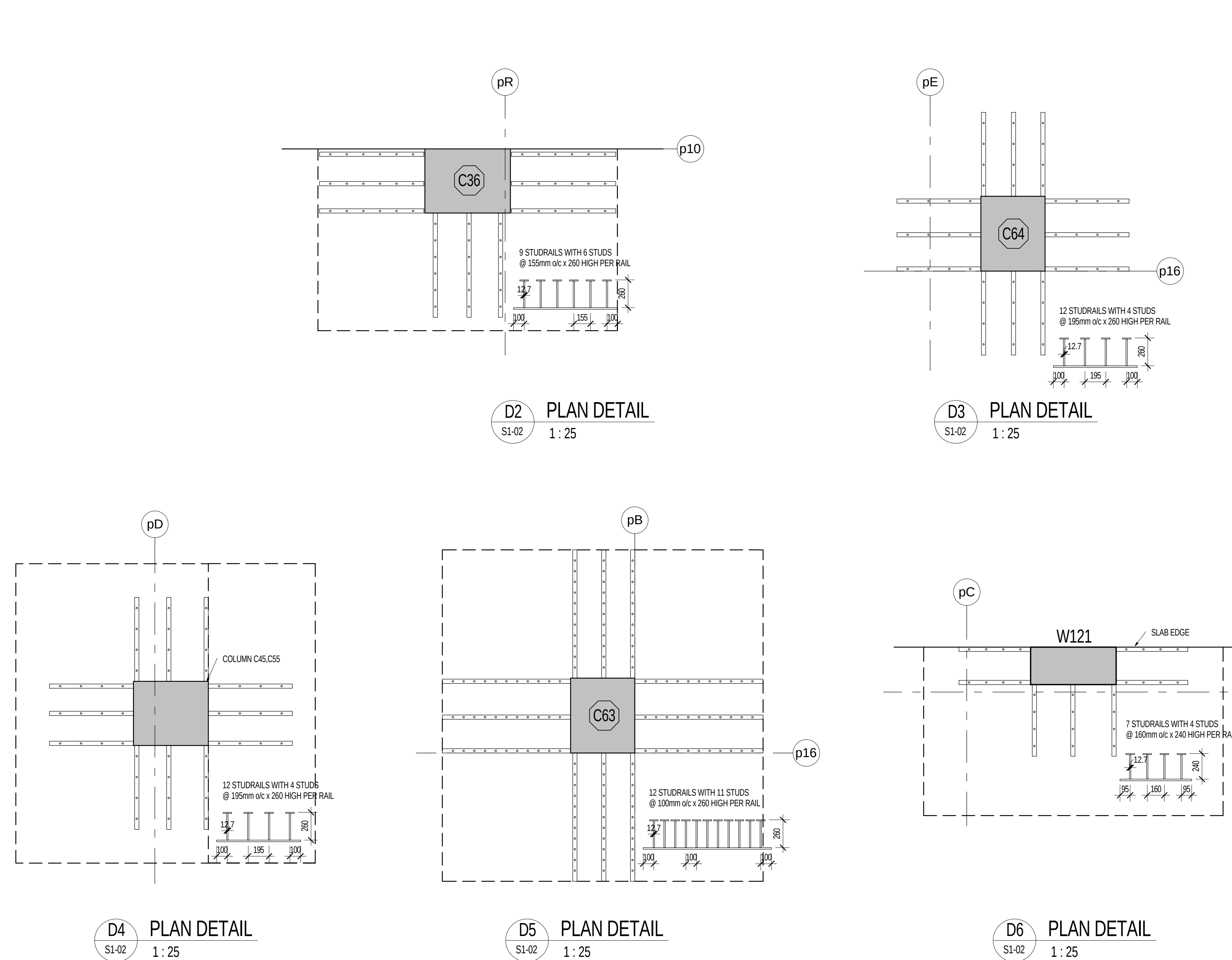
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	WALLS AND COLUMN SHADED AS THIS INDICATE WALL AND COLUMN BELOW SLAB
	WALLS AND COLUMN SHADED AS THIS INDICATE WALL AND COLUMN ABOVE SLAB
	• INDICATES COLUMN NUMBER OF BELOW SLAB. REFER TO COLUMN SCHEDULE
	• INDICATES COLUMN NUMBER OF ABOVE SLAB. REFER TO COLUMN SCHEDULE



S1-01



LEVEL P3 FRAMING PLAN
1:100

- TOP OF STRUCTURAL SLAB TO BE 0.0 m (FINISHED FRAMED) LEVEL DATUM ELEVATION IN 600-FT CENTRAL ELEVATION CORE. TOP OF SLAB ELEVATION VARIES AND IS TO BE SLOPED TO SUIT DRAINAGE AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
 - THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) IN ADDITION TO THE SLAB WEIGHT.
- | | LL | SDL |
|-----------------------------|---------|---------|
| FRONTING AND DRIVE | 2.0 kPa | 0.3 kPa |
| STORAGE | 2.0 kPa | 0.3 kPa |
| STAIRS AND ELEVATOR LOBBIES | 4.0 kPa | 0.5 kPa |
- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE MIX SCHEDULES ON SITE.
 - CONCRETE COVERS FOR TOP BARS IN SLABS TO BE 40 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 20 mm.
 - REINFORCEMENT MUST BE DEVELOPED FROM BENCHES FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE TO REVIEW PREPARATIONS.
 - SEE TYPICAL DETAIL FOR LINTELS IN NON-CORNER BEARING MASONRY WALLS.
 - SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
 - SEE COLUMN AND WALL SCHEDULES.
 - REFER TO BEAM SCHEDULES.
 - SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
 - AT BEAMS THROUGH THE SLAB, HOOK BARS AT TOPPING AND ADD BARS OF SAME SIZE ON EACH SIDE OF THE TOPPING EQUAL TO 1/2 THE NUMBER OF BARS HOOKED.
 - PROVIDE 20mm COMPRESSIVE EXPOSED EDGES OF COLUMN, WALLS, BEAMS AND DROPS.
 - PLAN INDICATE THICKENED SLAB. SEE PLAN FOR THICKNESS.
 - THICKENED SLAB TO BE 150mm MIN. REINFORCE THICKENED SLAB WITH CONCRETE STRENGTH SHOWN SHOULD NOT BE SUPPORTED ON BEARING SLABS.
 - PROVIDE CURB AT JOINTS OF SLAB CONCRETE IN THE FRAMED RAMP SLAB AND ALL TURNING AREAS.
 - SLAB SOFFIT TO FOLLOW TOP OF SLAB SLOPES TO MAINTAIN SLAB THICKNESS AS NOTED.
 - WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.

	TLA = TOP UPPER LAYER	TLB = TOP LOWER LAYER	BLA = BOTTOM UPPER LAYER	BLB = BOTTOM LOWER LAYER
SLAB	200 MM W/ 10	200 MM W/ 10	200 MM W/ 10	200 MM W/ 10
INTERIOR BARS	3.0M B/W	3.0M B/W	3.0M B/W	3.0M B/W
TEMP. STEEL	15000	15000	15000	15000
CONCRETE STRENGTH	25 MPa CLASS C1	25 MPa CLASS C1	25 MPa CLASS C1	25 MPa CLASS C1
SLAB	225 RAMP SLAB	225 RAMP SLAB	225 RAMP SLAB	225 RAMP SLAB
INTERIOR BARS	3.0M B/W	3.0M B/W	3.0M B/W	3.0M B/W
TEMP. STEEL	15000	15000	15000	15000
CONCRETE STRENGTH	30 MPa CLASS C1	30 MPa CLASS C1	30 MPa CLASS C1	30 MPa CLASS C1
SLAB	225 RAMP SLAB	225 RAMP SLAB	225 RAMP SLAB	225 RAMP SLAB
INTERIOR BARS	3.0M B/W	3.0M B/W	3.0M B/W	3.0M B/W
TEMP. STEEL	15000	15000	15000	15000
CONCRETE STRENGTH	30 MPa CLASS C1	30 MPa CLASS C1	30 MPa CLASS C1	30 MPa CLASS C1

4	BUILDING PERMIT	SEPT. 21, 2015
3	REVISION	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 12, 2015

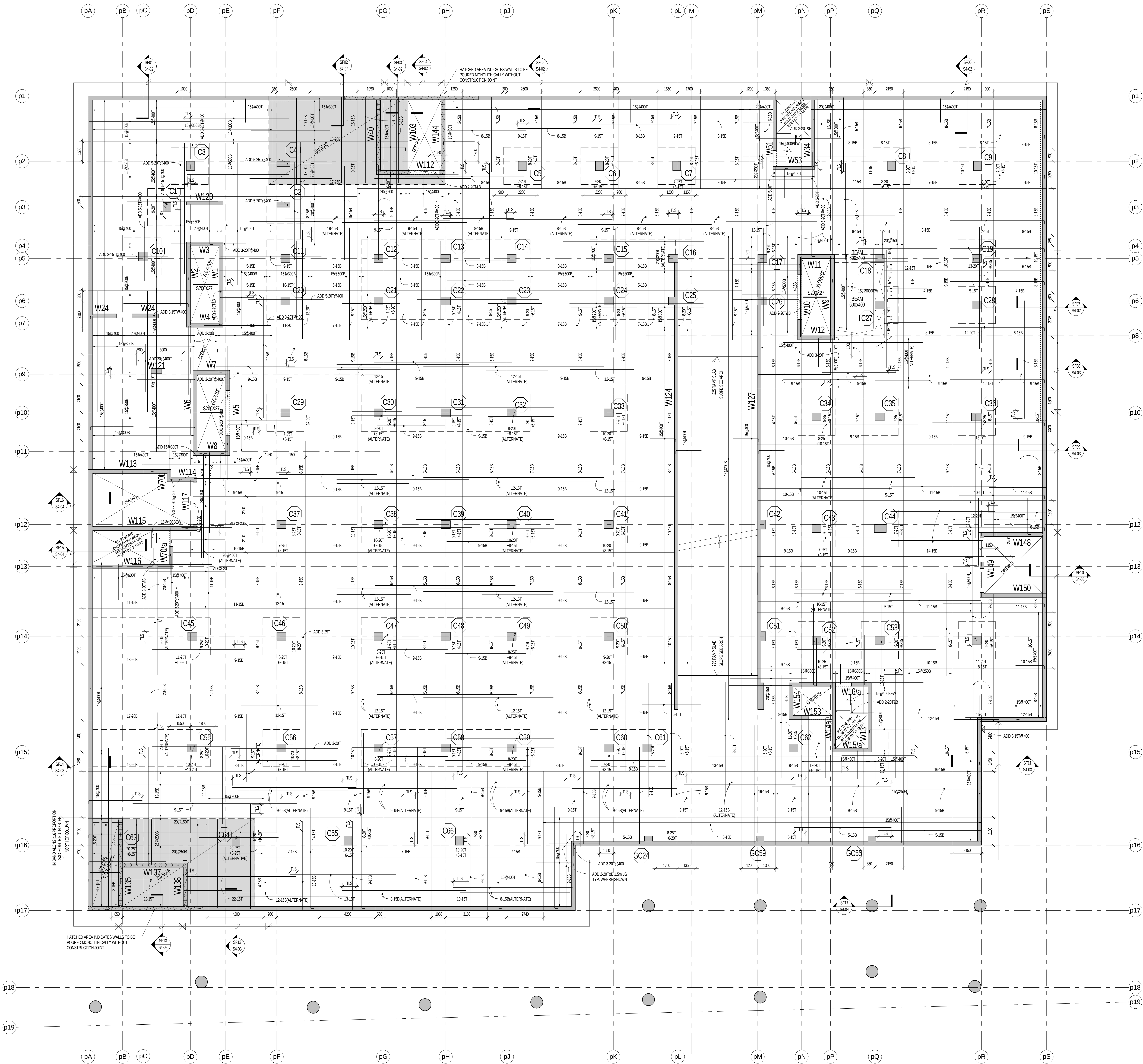
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title:
**LEVEL P3 FLOOR
FRAMING PLAN**

Project:
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated	Drawn by:
DC	Checked by:
PC/BBS	Project No.:
20140031	Project No.:
SEPT. 21, 2015	Date:
	Drawing No.:

S1-02



LEVEL P2 FRAMING PLAN
1:100

- TOP OF STRUCTURAL SLAB VARIES FROM FINISHED PARKING LEVEL ELEVATION 84.00m AT ELEVATOR CORE. TOP OF SLAB ELEVATION VARIES AND IS TO BE SLOPED TO SUIT DRAINAGE AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) IN ACCORD TO THE SELF WEIGHT:

	LL	DL
PARKING	2.4 kPa	1.5 kPa
STORAGE AND LOCKERS	12.0 kPa	0.5 kPa
STOPS AND ELEVATOR CORES	4.0 kPa	0.5 kPa
MECHANICAL AND ELECTRICAL	3.0 kPa	0.5 kPa
AREAS	4.0 kPa	1.5 kPa
WATER TANK	10.0 kPa	1.5 kPa
THICK COOL SLAB AREA	3.0 kPa	1.5 kPa
- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE MIX SCHEDULE ON FOUNDATION PLAN.
- CONCRETE COVER FOR TOP BARS SHALL BE 25mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 30mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL DRAWINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL FOR DETAILS IN NON-LOAD BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- AT BEAMS THROUGH THE SLAB, HOOK BARS AT OPENING AND ADD BARS OF SAME SIZE ON EACH SIDE OF THE OPENING, EQUAL TO 1/3 THE NUMBER OF BARS HOOKED.
- PROVIDE 20mm CHAMFER ON ALL CORNERS EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- AREAS NOTED THIS PLAN INDICATE THICKENED SLAB. SEE PLAN FOR THICKNESS. TRANSFER SLABS TO BE SPOKED UNTIL EACH SPECIFIED 28 DAYS CONCRETE STRENGTH.
- SHOULDER SHOULD NOT BE SUPPORTED ON BUILDING SLABS.
- PROVIDE DOG AT A DOSE OF 50% OF SLAB CONCRETE IN THE FRAMED RAMP SLAB AND ALL TURNING AREAS.
- SLAB SHIRT TO FOLLOW TOP OF SLAB SLOPED TO MINIMUM SLAB THICKNESS AS NOTED.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL.

↑	T1 = TOP UPPER LAYER
↓	T2 = TOP LOWER LAYER
↑	T3 = TOP UPPER LAYER
↓	T4 = TOP LOWER LAYER
↑	T5 = TOP UPPER LAYER
↓	T6 = TOP LOWER LAYER
↑	T7 = TOP UPPER LAYER
↓	T8 = TOP LOWER LAYER
↑	T9 = TOP UPPER LAYER
↓	T10 = TOP LOWER LAYER
↑	T11 = TOP UPPER LAYER
↓	T12 = TOP LOWER LAYER
↑	T13 = TOP UPPER LAYER
↓	T14 = TOP LOWER LAYER
↑	T15 = TOP UPPER LAYER
↓	T16 = TOP LOWER LAYER
↑	T17 = TOP UPPER LAYER
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↓	T20 = TOP LOWER LAYER
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↑	T27 = TOP UPPER LAYER
↓	T28 = TOP LOWER LAYER
↑	T29 = TOP UPPER LAYER
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↑	T91 = TOP UPPER LAYER
↓	T92 = TOP LOWER LAYER
↑	T93 = TOP UPPER LAYER
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↑	T95 = TOP UPPER LAYER
↓	T96 = TOP LOWER LAYER
↑	T97 = TOP UPPER LAYER
↓	T98 = TOP LOWER LAYER
↑	T99 = TOP UPPER LAYER
↓	T100 = TOP LOWER LAYER

4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 05, 2015
NO	ISSUED FOR	DATE

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title:
**LEVEL P2 FLOOR
FRAMING PLAN**

Project:
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON
Scale:

As indicated	Drawn by:
DC	Checked by:
BK/BBS	Project No.:
20140031	Date:
SEPT 21, 2015	Drawing No.:

S1-03

LEVEL P1 MEZZ. FRAMING PLAN

1:100

- TOP OF LEVEL 1 MEZZANINE FLOOR STRUCTURAL SLAB TO BE 50 mm BELOW FINISHED GROUND FLOOR DATUM ELEVATION TO MIN. THE STRUCTURAL SLAB STEPS AT THE EDGE OF GROUND FLOOR. SEE PLAN AND DETAIL FOR ELEVATION CHANGES. SEE ALSO ARCHITECTURAL DRAWINGS AND LANDSCAPE DRAWINGS FOR GARAGE ROOF ELEVATIONS AND SLOPES TO DRAINS.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) IN ADDITION TO SELF WEIGHT:

STAIRS (MEZZANINE)	4.0 kPa	SOIL	25.0 kPa
- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C25 EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE MIX SCHEDULE ON FOUNDATION PLAN.
- CONCRETE COVER FOR TOP BARS IN SLABS TO BE 25 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 50 mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
- THE PROJECT SUPERINTENDENT MUST CONTACT THE OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATION.
- SEE TYPICAL DETAIL FOR LINTELS AND NON-LOAD BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMN, WALLS, BEAMS & CROPS.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENING.

T1 = TOP UPPER LAYER	
T2 = TOP LOWER LAYER	
B1 = BOTTOM UPPER LAYER	
B2 = BOTTOM LOWER LAYER	

REINFORCEMENT PLACEMENT DIAGRAM

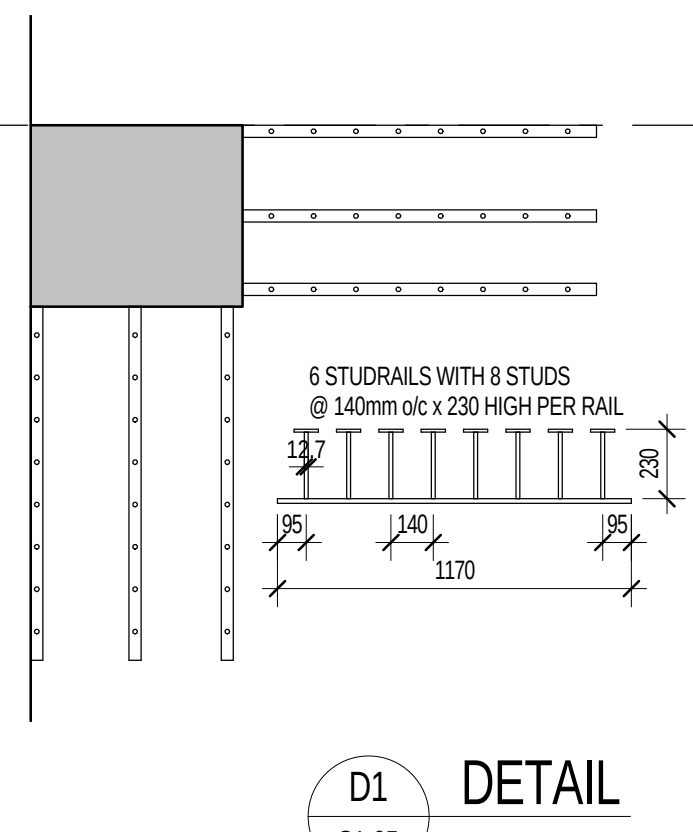
SLAB	200 MM
INTENSITY BARS	3.20M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150000 psi

SLAB	250 MM
INTENSITY BARS	3.20M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150000 psi

SLAB	300 MM
INTENSITY BARS	3.20M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150000 psi

SLAB	350 MM
INTENSITY BARS	3.20M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150000 psi

SLAB	400 MM
INTENSITY BARS	3.20M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150000 psi



D1 DETAIL
1:25

4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 12, 2015

NO. ISSUED FOR DATE

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
**LEVEL P1 MEZZANINE
FRAMING PLAN**

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated	Drawn by
DC	Checked by
PC/BBS	Project No.
20140031	Date
SEPT 21, 2015	Drawing No.

S1-05

1

3. CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C EXPOSURE, AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 35 MPa at 28 DAYS. AFTER, REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE AND SCHEDULE FOR CONCRETE PLANT.
4. CONCRETE COVER FOR TOP BARS IN SLABS TO BE 25 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 30 mm.
5. APPROVED WASTES TAKEN FROM ENGINEER FOR ALL PREMISES OTHER THAN THOSE SHOWN ON PLAN.
6. THE PROJECT SUPERVISOR MUST CONTACT THE CITY 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PERMITS.
7. USE TYPICAL DETAIL FOR LATERAL WALLS AND BEARING MASONRY WALLS.
8. SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS. REINFORCE AS PER TYPICAL DETAIL.
9. SEE COLUMN AND WALL SCHEDULES.
10. SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
11. REFER TO BARS SCHEDULE.
12. PROVIDE 25mm CHAMFER ON ALL EXPOSED EDGES OF COLUMN, WALLS, BEAMS & DROPS.
13. WARED BOTTOM STEEL, NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND DRINKING.
14. PROVIDE TIES FOR ALL TRANSFER SLAB REINFORCEMENT.



- | | | |
|---|----------|--------|
| | LL | SDL |
| LANDSCAPED EMERGENCY VEHICLE ACCESSIBLE AREAS | 12.0 kPa | 21 kPa |

- [illegible]

- | 4 | BUILDING PERMIT RESUBMISSION | SEPT. 21, 2011 |
|-----|------------------------------|----------------|
| 3 | BUILDING PERMIT RESUBMISSION | JULY 22, 2011 |
| 2 | BUILDING PERMIT SUBMISSION | JUNE 12, 2011 |
| 1 | ISSUED FOR WT REVIEW | MAY 01, 2011 |
| No. | Issued For | Date |

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title

LEVEL 1-GROUND FLOOR
FRAMING PLAN - WITH
TOP REINFORCEMENT
AND DETAIL

Hines TRIDEL
AQUAVISTA
Block 3 - R3 & F
Merchant's Wharf
Toronto, ON

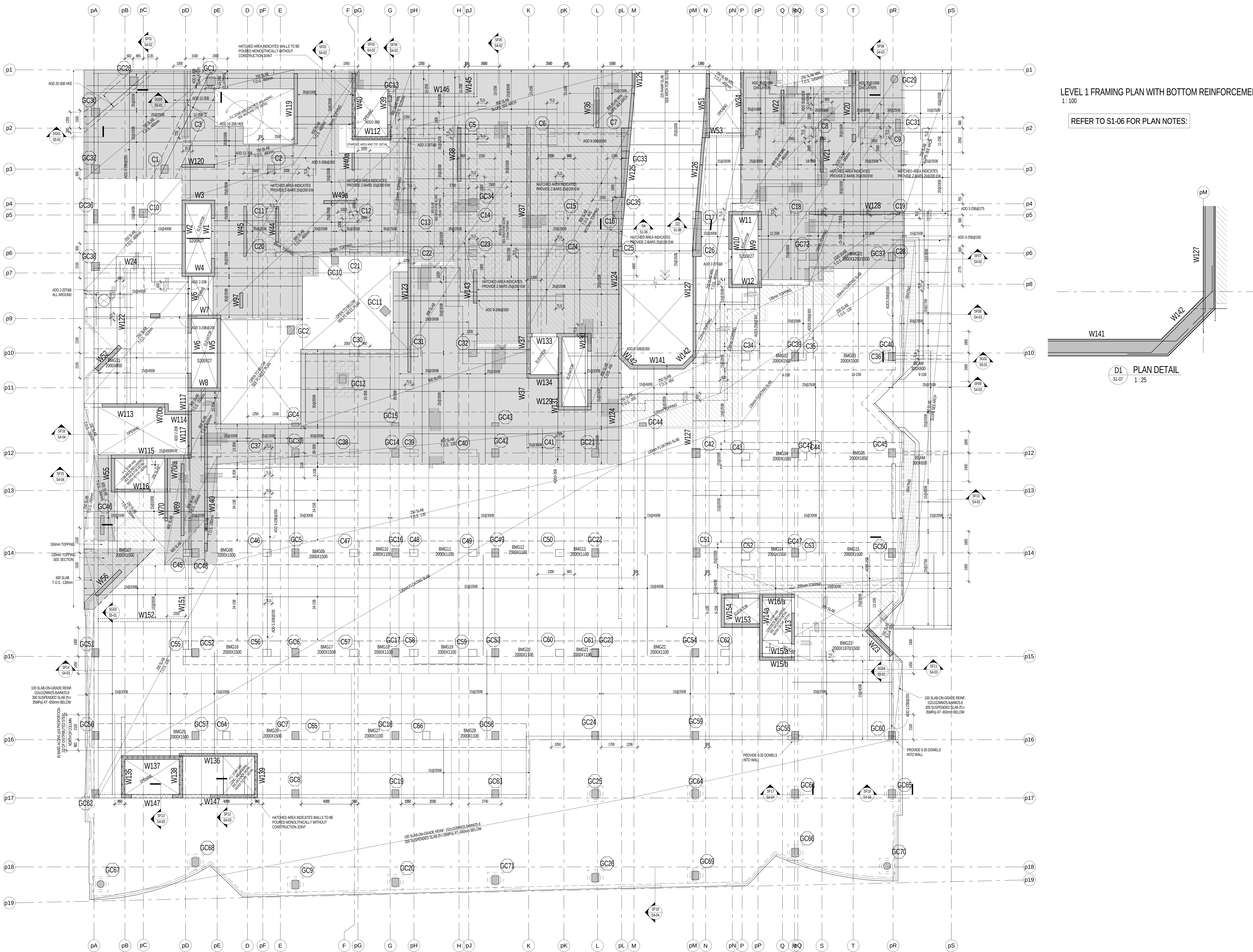


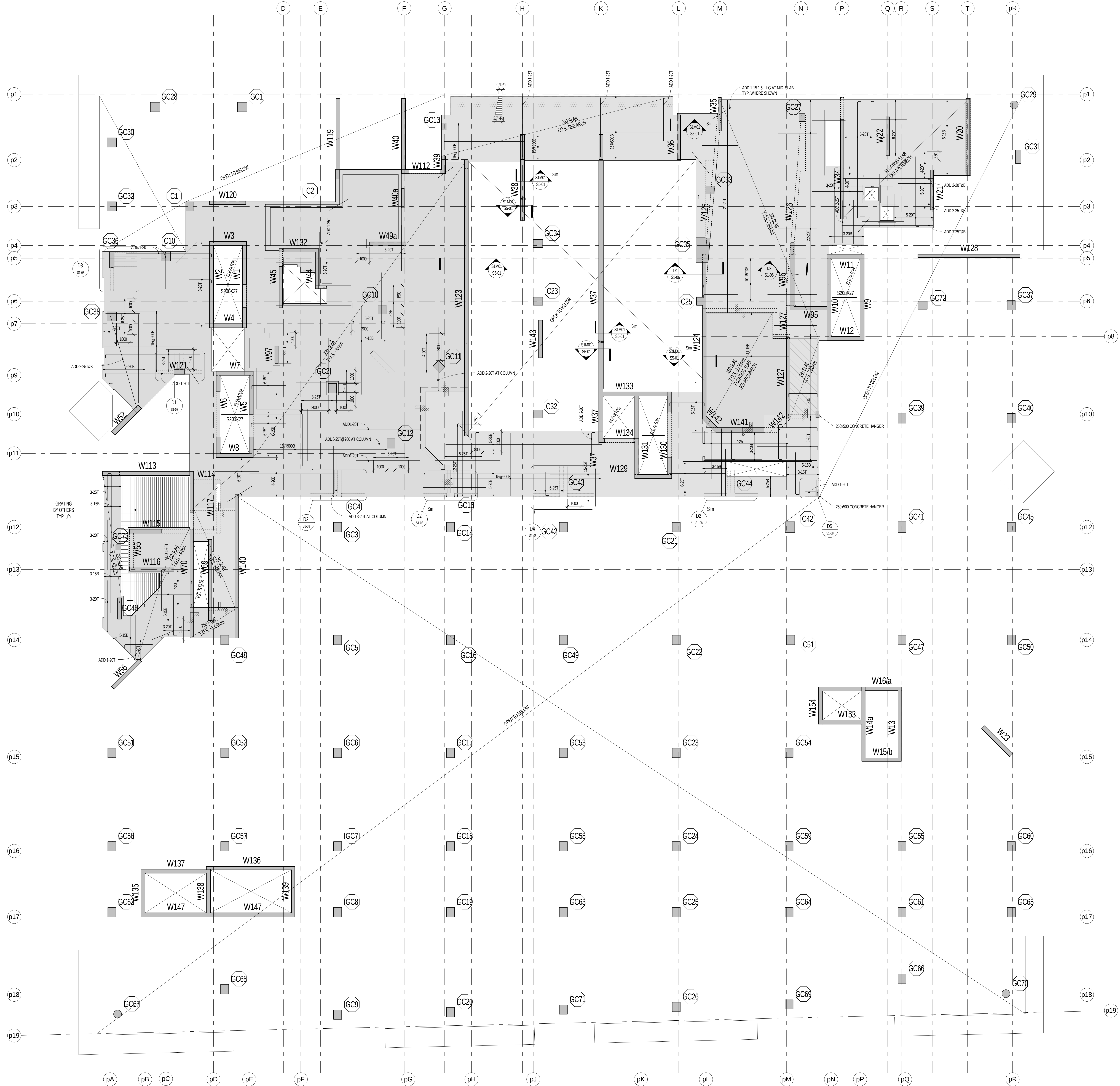
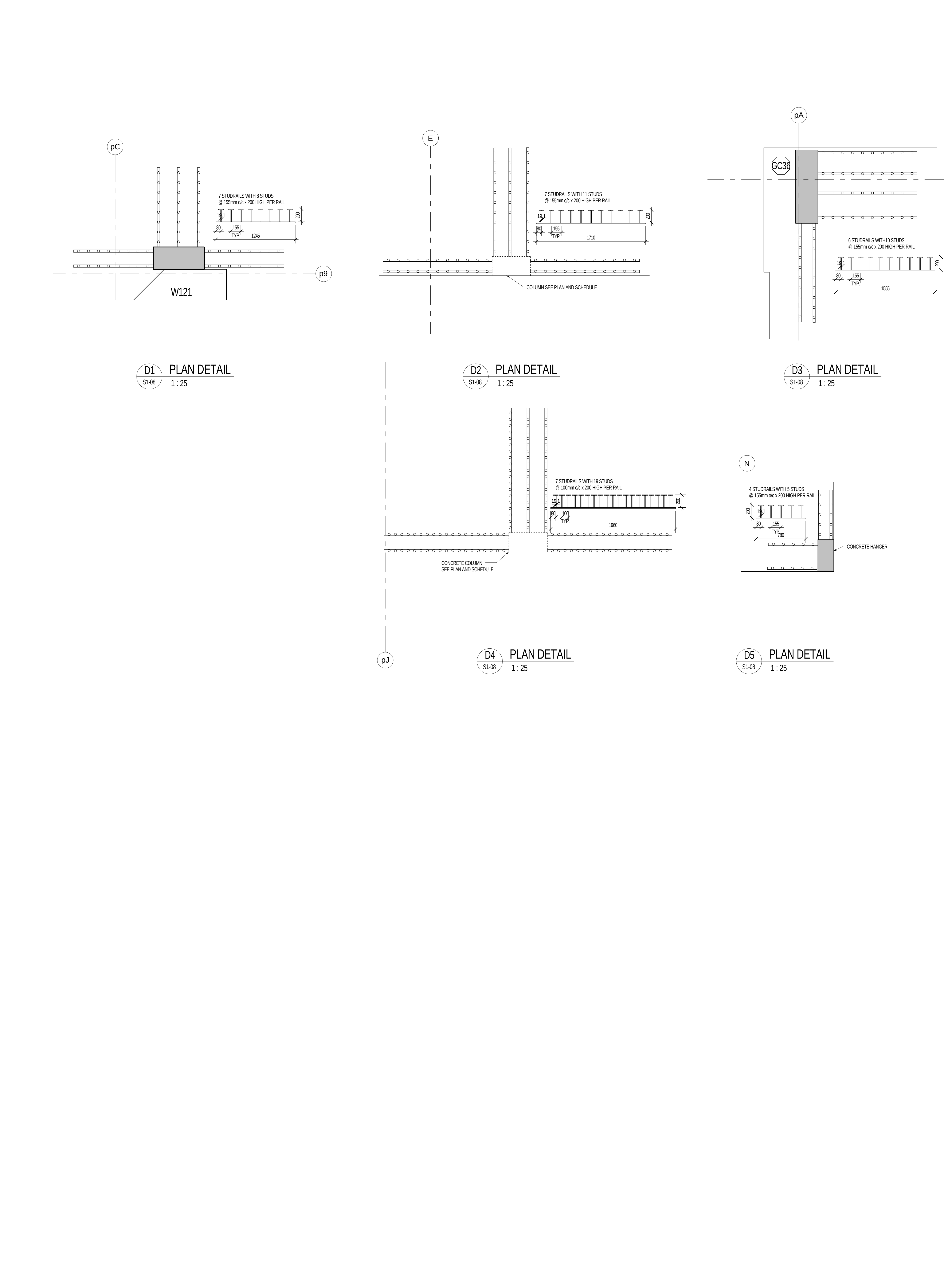
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Drawn	
DC	
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PC/BBS	Project
20140031	D
SEPT.21.2015	
Drawing	

S1-06

LEVEL 1 BEAM SCHEDULE												
BEAM NUMBER	SIZE	BOTTOM BARS				TOP BARS				STIRRUPS	REMARKS	
		No.	Size			No.	Size					
BM401	2000X100	12	35	BLL		6	30	T/L		15	10@150 RE	TRIPLES
		10	15	4HEF		5	35	T/L	2000	15	10@300 REM	DOUBLES
						5	35	2000	T/L			
BM402	2000X150	22	35	BLL		9	30	2000	T/L	15	10@150	FIVE SETS
		22	35	BLL		6	35	1400	T/L		10@150	
		10	15	4HEF		12	30	T/L	3600	4000		
						8	35	T/L	2000	2000		
				6	30	T/L	2000	2000				
BM403	2000X150	12	35	BLL		12	30	FROM BM402	T/L	15	10@150 RE	TRIPLES
		12	35	BLL		8	35	FROM BM402	T/L		10@200 LE	TRIPLES
		10	15	4HEF		6	30	FROM BM402	T/L	15	10@300 REM	DOUBLES
						8	30	T/L	3600			
				9	35	T/L	2000					
BM404	2000X150	22	35	BLL		6	35	2000	T/L	15	10@150	FIVE SETS
		12	35	BLL		7	35	1400	T/L		10@150	
		12	15	4HEF		12	35	T/L	3600	4000		
						5	35	T/L	2000	2000		
				5	35	T/L	2000	2000				
BM405	2000X150	14	35	BLL		12	35	FROM BM404	T/L	15	10@150 RE	FIVE SETS
		14	35	BLL		5	35	FROM BM404	T/L		10@200 REM	FIVE SETS
		16	15	4HEF		5	35	FROM BM404	T/L			
						5	35	FROM BM404	T/L	2000	2000	
				5	35	T/L	2000	2000				
~~BM406~~	~~1475X900~~	~~6~~	~~30~~	~~BLL~~		~~5~~	~~35~~	~~FROM BM405~~	~~T/L~~	~~10~~	~~10@300~~	~~TRIPLES~~
		~~6~~	~~15~~	~~4HEF~~		~~4~~	~~35~~	~~4000~~	~~T/L~~	~~1~~		
~~BM407~~	~~2000X1500~~	~~7~~	~~30~~	~~BLL~~		~~6~~	~~30~~	~~3700~~	~~T/L~~	~~10~~	~~10@300~~	~~TRIPLES~~
		~~12~~	~~15~~	~~4HEF~~		~~6~~	~~30~~	~~T/L~~	~~3000~~	~~4000~~		
						~~7~~	~~30~~	~~T/L~~	~~2000~~	~~2000~~		
BM408	2000X1500	16	30	BLL		8	30	FROM BM407	T/L	10	10@125 LE	TRIPLES
		12	15	4HEF		7	30	FROM BM407	T/L		10@300 REM	TRIPLES
						17	35	T/L	4000	4000		
						17	35	T/L	2000	2000		
BM409	2000X1500	19	35	BLL		17	35	FROM BM408	T/L	15	10@150	FIVE SETS
		14	35	BLL		17	35	FROM BM408	T/L			
		12	15	4HEF		17	35	T/L	4000	3000		
						8	35	T/L	2000	2000		
BM410	2000X1100	15	35	BLL		11	35	FROM BM409	T/L	10	10@300	TRIPLES
		8	15	4HEF		6	35	FROM BM409	T/L			
						4	35	T/L	3000	3000		
						5	35	T/L	1400	1300		
BM411	2000X1100	6	25	BLL		6	35	FROM BM410	T/L	10	10@300	TRIPLES
		8	15	4HEF		5	35	FROM BM410	T/L			
						7	35	T/L	3000	4000		
						7	30	T/L	2000	2000		
BM412	2000X1100	10	30	BLL		7	35	FROM BM411	T/L	10	10@200 RE	TRIPLES
		10	30	BLL		7	30	FROM BM411	T/L		10@150 LE	TRIPLES
		8	15	4HEF		8	35	T/L	4000	3000		
						7	30	T/L	2000	2000		
BM413	2000X1100	10	30	BLL		8	35	FROM BM412	T/L	10	10@300	TRIPLES
		10	30	BLL		7	30	FROM BM412	T/L			
		8	15	4HEF		9	35	FROM BM412	T/L			
BM414	2000X1500	14	35	BLL		6	35	2000	T/L	15	10@150 RE	FIVE SETS
		14	35	BLL		5	35	1400	T/L	15	10@300 REM	TRIPLES
		10	15	4HEF		15	35	T/L	3600	4000		
						9	35	T/L	2000	2000		
BM415	2000X1500	16	35	BLL		16	35	FROM BM414	T/L	15	10@150 RE	FIVE SETS
		12	15	4HEF		9	35	FROM BM414	T/L	15	10@300 REM	TRIPLES
						12	35	T/L	3600			
						8	35	T/L	2000			
BM416	2000X1500	15	35	BLL		12	30	4000	T/L	15	10@150	FOUR SETS
		11	30	BLL		10	25	2000	T/L			
		12	15	4HEF		15	35	T/L	4000	4000		
						12	35	T/L	2000	2000		

LEVEL 1 BEAM SCHEDULE												
BEAM NUMBER	SIZE	BOTTOM BARS				TOP BARS				STIRRUPS	REMARKS	
		No.	S ₁	T ₁		No.	S ₁	T ₁				
BM417	2000X1500	15	35		BLL	15	35	"FROM BM415"	T/L	15	10@150 LE	FOUR SETS
		11	30		BLL	12	35	"FROM BM415"	T/L	15	10@150 REM	TRIPLES
		12	15		4HEF	12	35		T/L	4400	3000	
						12	35		T/L	2300	2200	
BM418	2000X1100	13	30		BLL	15	35	"FROM BM417"	T/L	10	10@200	DOUBLES
		8	15		4HEF	12	35	"FROM BM417"	T/L			
						8	30		T/L	3000	3000	
						7	30		T/L	1400	1200	
BM419	2000X1100	10	30		BLL	8	30	"FROM BM418"	T/L	10	10@200	DOUBLES
		8	15		4HEF	7	30	"FROM BM418"	T/L			
						9	35		T/L	3100	4000	
						8	30		T/L	1400	1200	
BM420	2000X1100	10	35		BLL	9	35	"FROM BM419"	T/L	10	10@150 LE	TRIPLES
		10	30		BLL	8	30	"FROM BM419"	T/L	10	10@200 REM	TRIPLES
		8	15		4HEF	10	35		T/L			
						6	30	"FROM BM419"	T/L			
BM421	2000X1100	6	25		BLL	10	35	4000	T/L	10	10@200	DOUBLES
		8	15		4HEF	6	30	2000	T/L		3000	
BM422	2000X1000	18	35		BLL	10	35	"FROM BM421"	T/L	15	10@125 RE	TRIPLES
		10	30		BLL	6	30	"FROM BM421"	T/L	15	10@125 LE	TRIPLES
		8	15		4HEF	10	35		T/L	4000		TRIPLES
						4	30		T/L	2000		TRIPLES
BM423	2000X1500	20	35		BLL	7	35	4400	T/L	15	10@125 RE	DOUBLES
		17	35		BLL	17	35	2500	T/L	15	10@200 LE	DOUBLES
		10	15		4HEF	12	35		T/L	4200	5000	DOUBLES
						4	30		T/L	2000	2000	
BM424	2000X900	8	25		BLL	12	35	"FROM BM423"	T/L	15	10@200 LE	DOUBLES
		6	15		4HEF	12	35	"FROM BM423"	T/L	15	10@200 LE	DOUBLES
BM425	2000X1500	12	35		BLL	9	30	5000	T/L	10	10@150 RE	TRIPLES
		12	15		4HEF	12	35		T/L	4000	1750	TRIPLES
						10	30		T/L	5000	3000	TRIPLES
BM426	2000X1500	14	35		BLL	12	35	"FROM BM425"	T/L	10	10@150 RE	TRIPLES
		10	30		BLL	10	30	"FROM BM425"	T/L	10	10@150 LE	TRIPLES
		10	15		4HEF	12	35		T/L	4000	3000	TRIPLES
						8	35		T/L	2000	2000	TRIPLES
BM427	2000X1100	13	35		BLL	12	35	"FROM BM426"	T/L	10	10@200 RE	TRIPLES
		8	15		4HEF	10	30	"FROM BM426"	T/L	10	10@200 RE	TRIPLES
						8	35		T/L	4000	3000	TRIPLES
						8	30		T/L	1500	2500	TRIPLES
BM428	2000X1100	15	35		BLL	8	35	"FROM BM427"	T/L	10	10@150 RE	TRIPLES
		8	15		4HEF	8	35	"FROM BM427"	T/L	10	10@200 LE	TRIPLES
						8	35		T/L	4000		TRIPLES
						8	30		T/L	2000		TRIPLES
BM429	2000X1100	13	30		BLL	8	35	"FROM BM428"	T/L	10	10@200	TRIPLES
		8	15		4HEF	8	30	"FROM BM428"	T/L		3000	
						10	30		T/L	4000	5000	
						10	30		T/L	2000	2000	
BM430	2000X1100	17	35		BLL	10	35	"FROM BM429"	T/L	10	10@200 RE	TRIPLES
		6	35		BLL	10	30	"FROM BM429"	T/L	10	10@150 LE	TRIPLES
		8	15		4HEF	8	35	"FROM BM429"	T/L	10	10@300 REM	TRIPLES
						8	35		T/L	4000		
BM431	2000X900	18	35		BLL	6	35		T/L	15	10@125	FOUR SETS
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		4	15		4HEF							

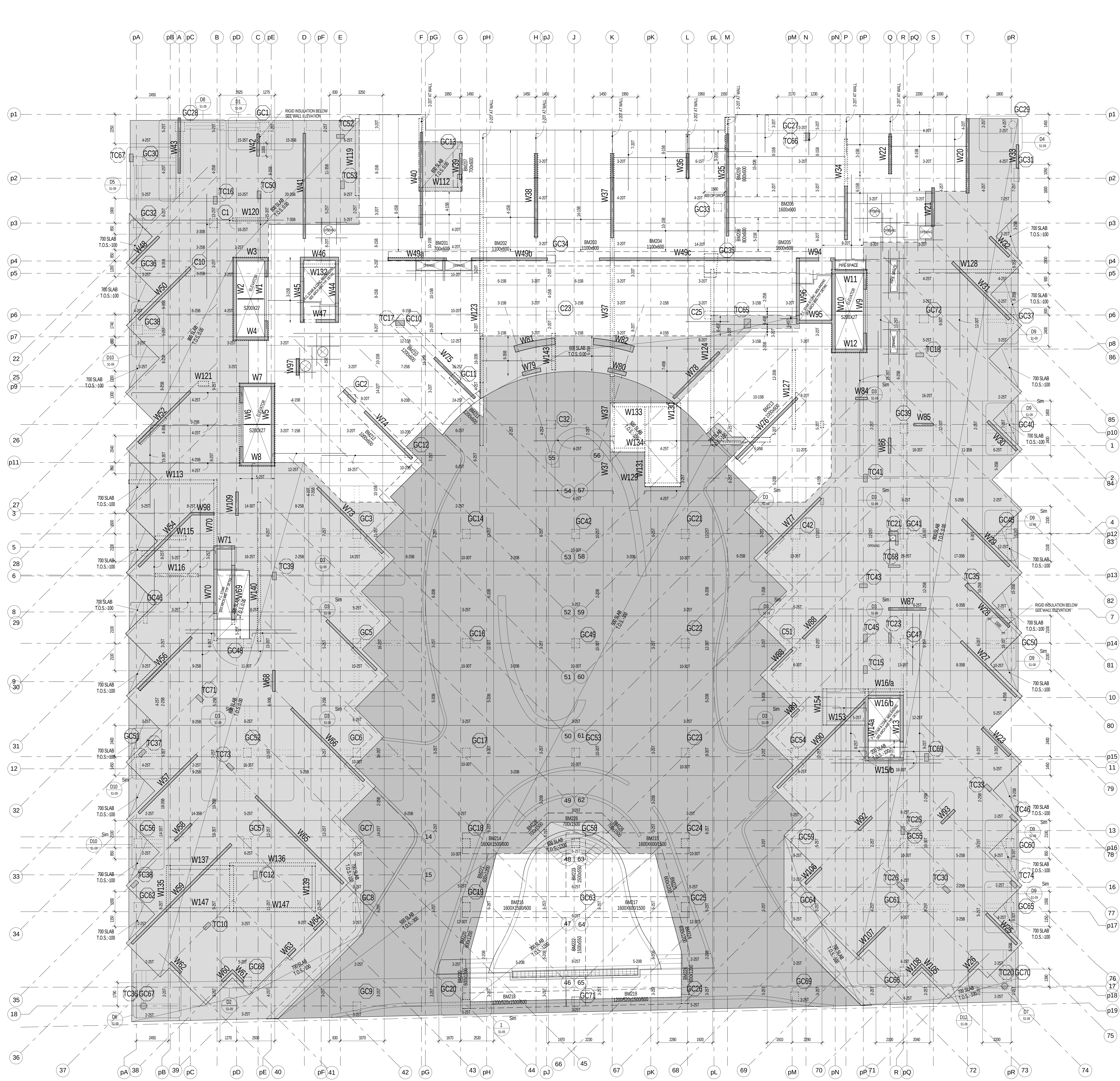
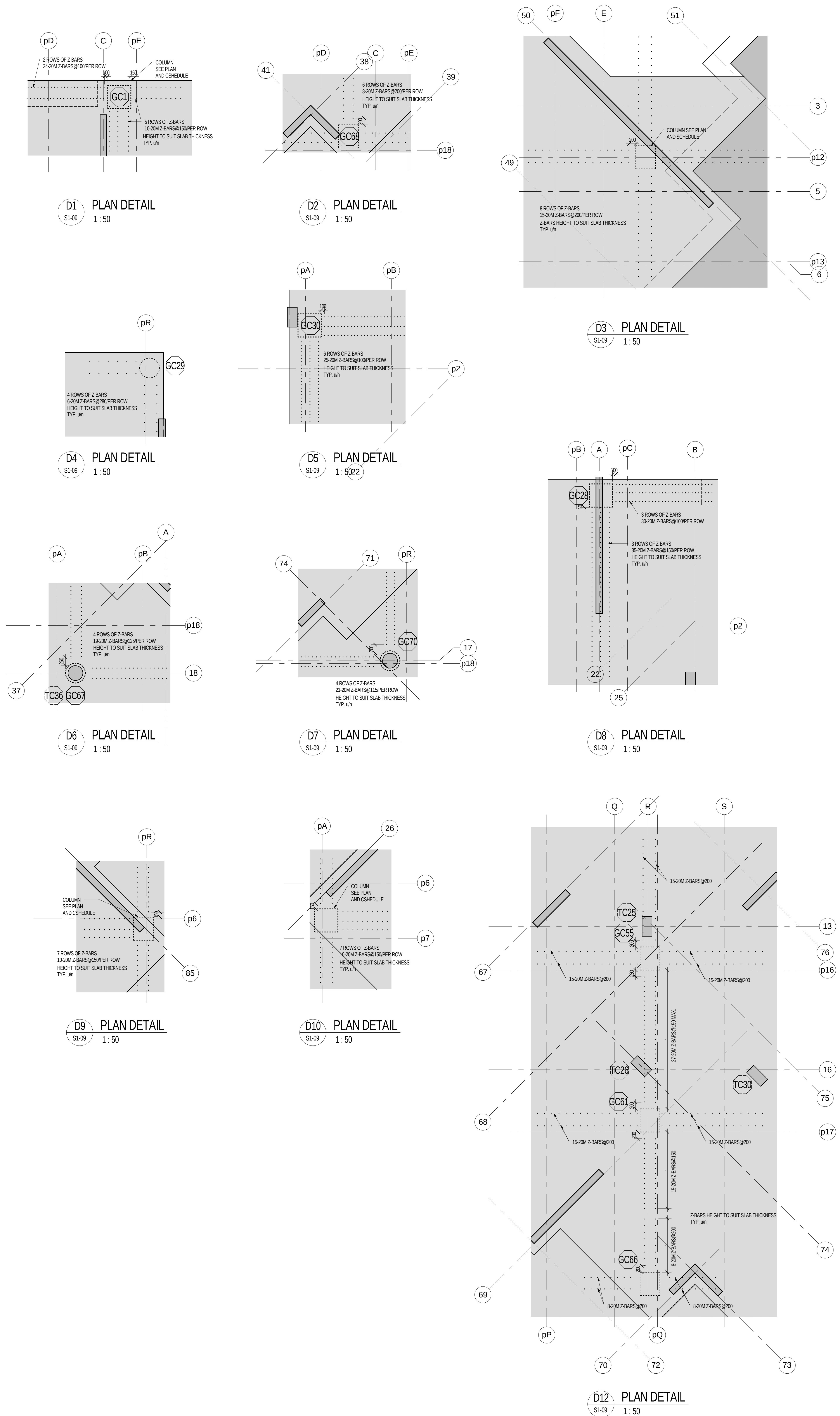




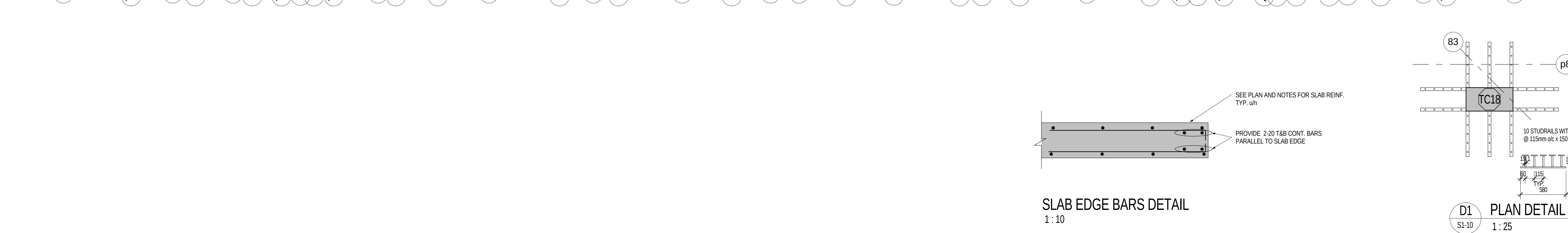
LEVEL 1 MEZZ. FRAMING PLAN
1:100

- TOP OF L1 MEZZ. FLOOR STRUCTURAL SLAB VARIES FROM FINISHED L1 MEZZ. FLOOR DATUM ELEVATION 81.02m. SEE ALSO ARCHITECTURAL DRAWINGS.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) IN ADDITION TO SELF WEIGHT.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS. SEE ALSO CONCRETE MIX SPECIFICATIONS ON DRAWING PLAN.
- CONCRETE COVER FOR TOP BARS IN SLABS TO BE 25 mm. CONCRETE COVER FOR 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 IS REPRESENTED AND CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAILS FOR WALLS IN NORMAL AND BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND BEAM SCHEDULES, WALL ELEVATIONS.
- SEE ALSO TYPICAL WALL AND DETAIL DRAWINGS.
- PROVIDE 20mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS TOP AND BOTTOM & CORNERS.
- PROVIDE CONTINUOUS TEMPERATURE STEEL TOP AND BOTTOM JOINTS AT EDGES OF SLAB AND OPENINGS.
- IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
- PROVIDE 15 FOR ALL SLAB REINFORCEMENT.

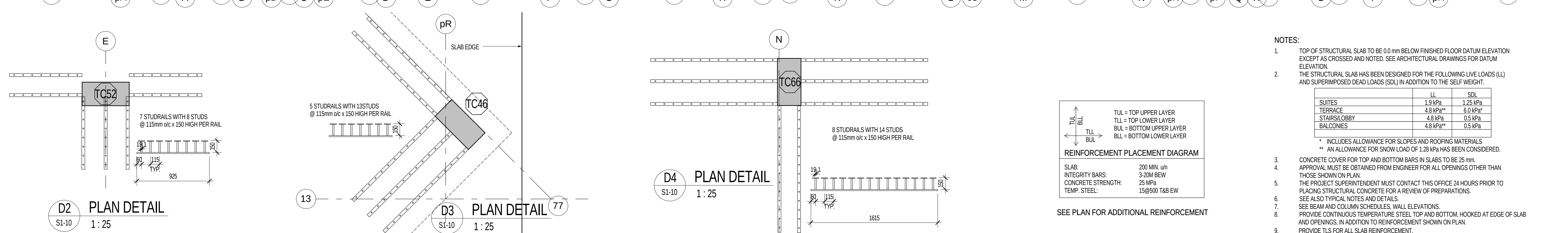
REINFORCEMENT PLACEMENT DIAGRAM	SLAB	WALL
SLAB	200 MIN. W/ 3.0M REIN	200 MIN. W/ 3.0M REIN
WALL	200 MIN. W/ 3.0M REIN	200 MIN. W/ 3.0M REIN
TEMPERATURE STEEL	150/300 TOP W/ 150/300 REIN W/ 150/300 REIN	150/300 TOP W/ 150/300 REIN W/ 150/300 REIN
TEMPERATURE STEEL	150/300 TOP W/ 150/300 REIN W/ 150/300 REIN	150/300 TOP W/ 150/300 REIN W/ 150/300 REIN



1:100



1:100



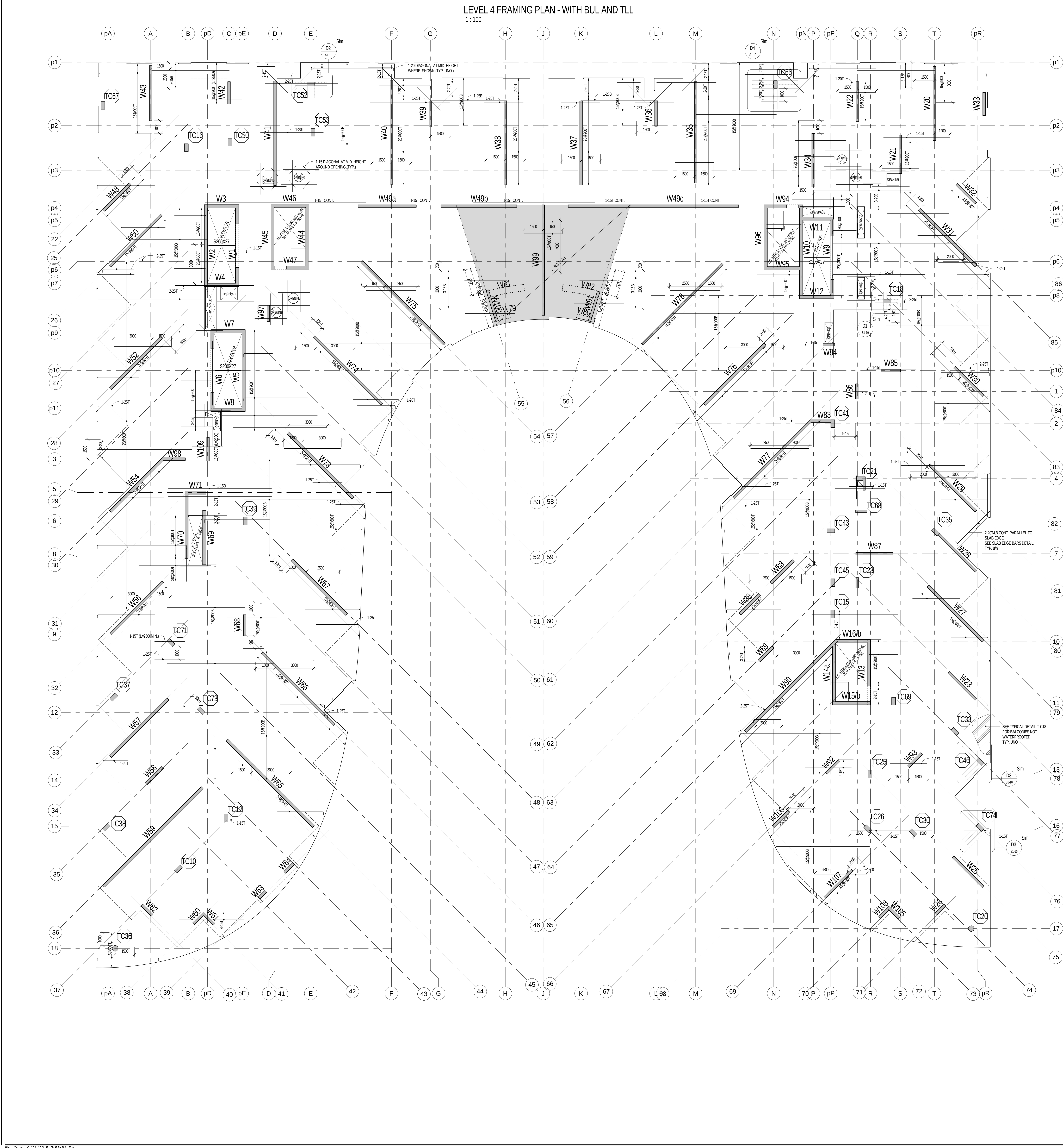
 **stephenson**
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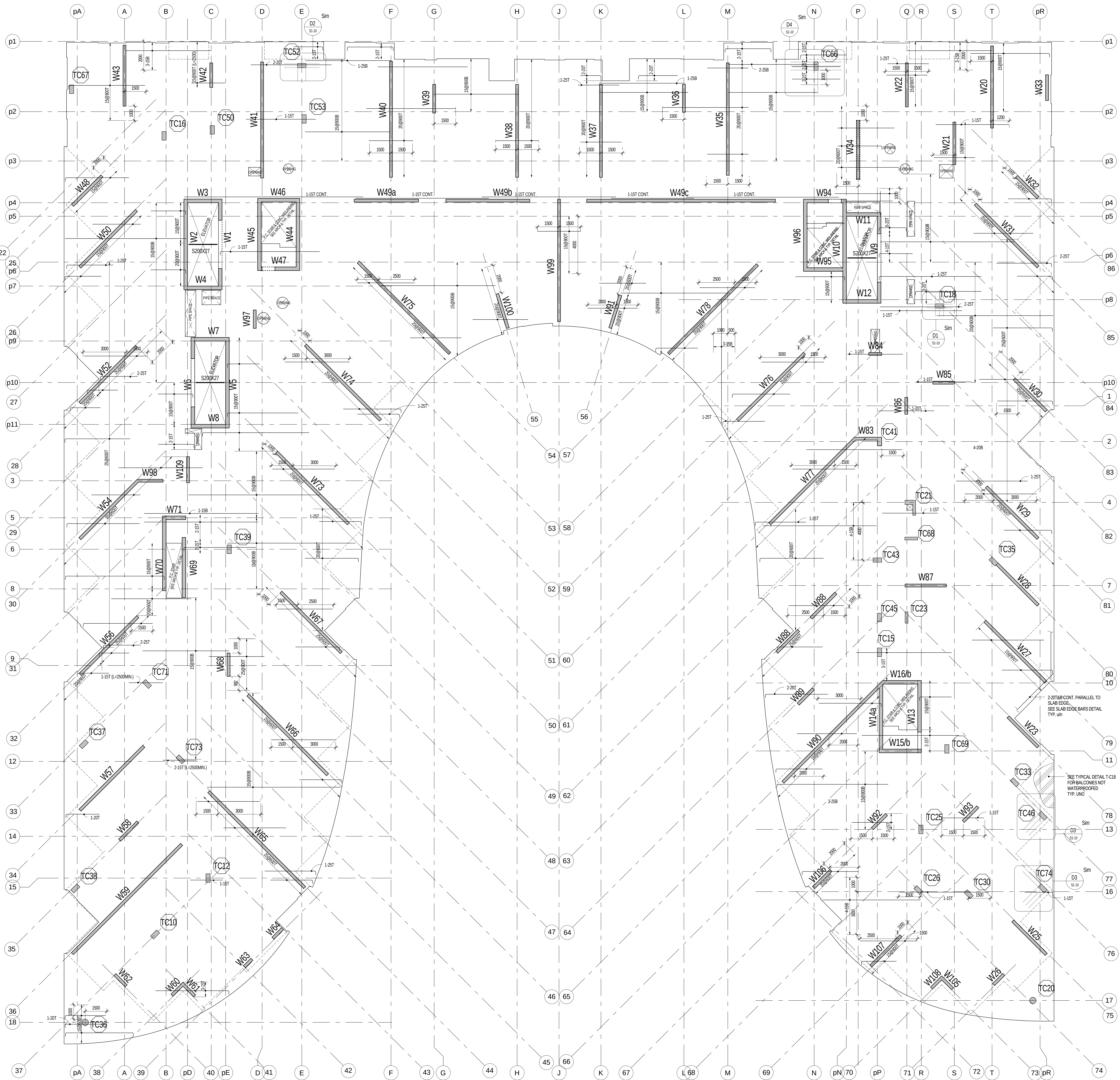


As indicated	Drawn
DC	Checked
IA/BBS	Project
20140031	D
SEPT.21.2015	

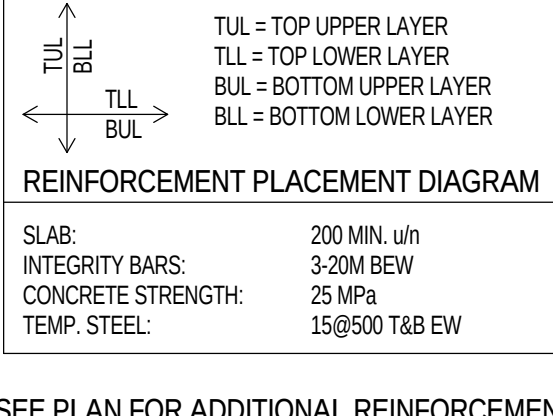
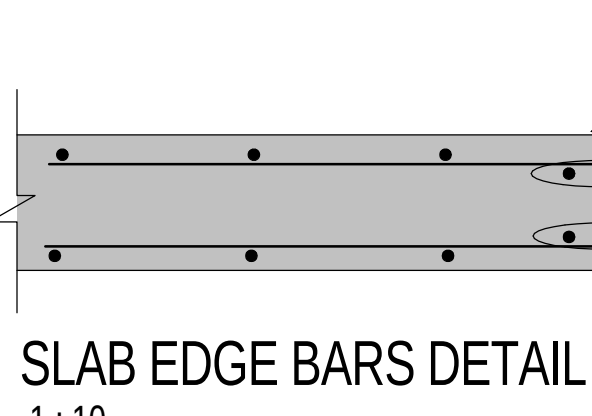
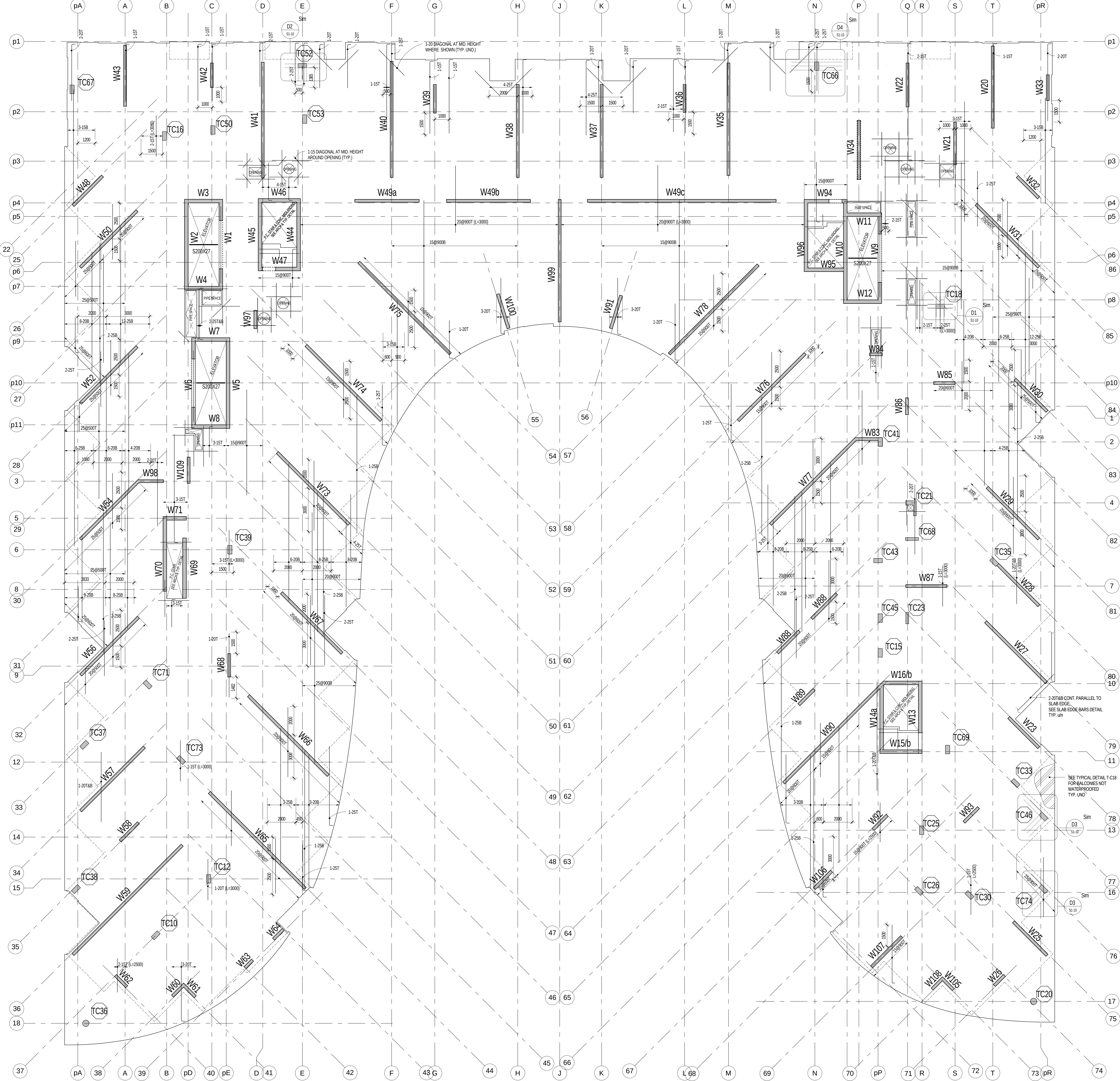
S1-10



LEVEL 5 FRAMING PLAN - WITH BUL AND TLL
1:100



LEVEL 5 FRAMING PLAN WITH BLL AND TLL
1:100



NOTES:

- TOP OF STRUCTURAL SLAB TO BE 0.0m FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSS-SECTION NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LOADS (ALL UNITS IN KILONEWTONS PER SQUARE METRE) AND SUPERIMPOSED DEAD LOADS (ALL IN ADDITION TO THE SLAB WEIGHT):

LOAD	SLAB
SLAB	1.5 kPa
TERMINAL	1.5 kPa
STAIRS/LOBBY	4.5 kPa
BALCONIES	4.5 kPa
- INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLAB TO BE 25 mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL CHANGES OTHER THAN THOSE SHOWN ON PLAN.
- THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- SEE BEAM AND COLUMN CONNECTIONS, WALL ELEVATIONS, PROVIDE CONTINUOUS TEMPERATURE STEEL TOP AND BOTTOM, HOOKED AT EDGE OF SLAB AND OPENING, IN ADDITION TO REINFORCEMENT SCHEDULED ON PLAN.
- PROVIDE TIE FOR ALL SLAB REINFORCEMENT.
- 2-375mm CONT. AT PERIMETER BARS TO SLAB EDGE. SEE SLAB EDGE BARS DETAIL.

4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 22, 2015

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
LEVEL 5 FLOOR FRAMING
PLAN

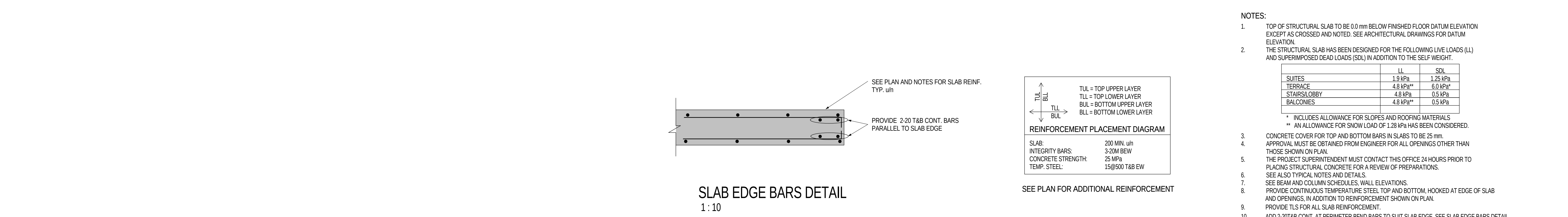
Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated
D/C
IAB/BS
20140031
SEPT 21, 2015
Checked by
Date

S1-12

1:100

1:100

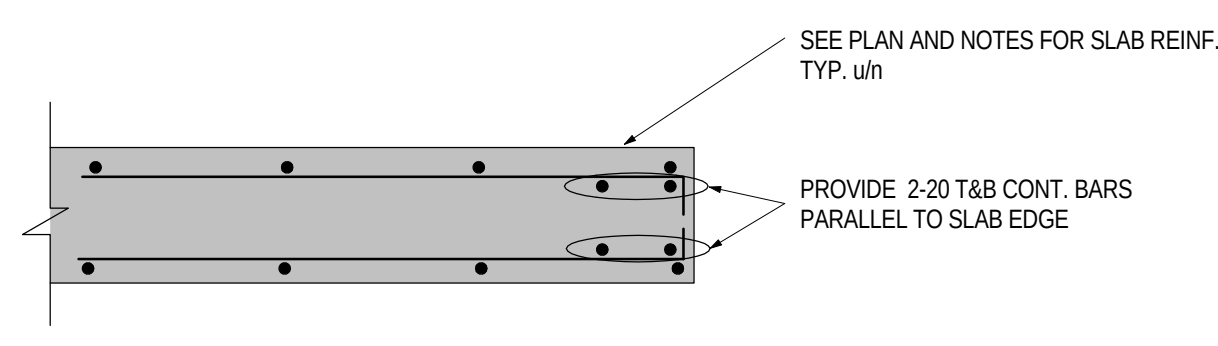
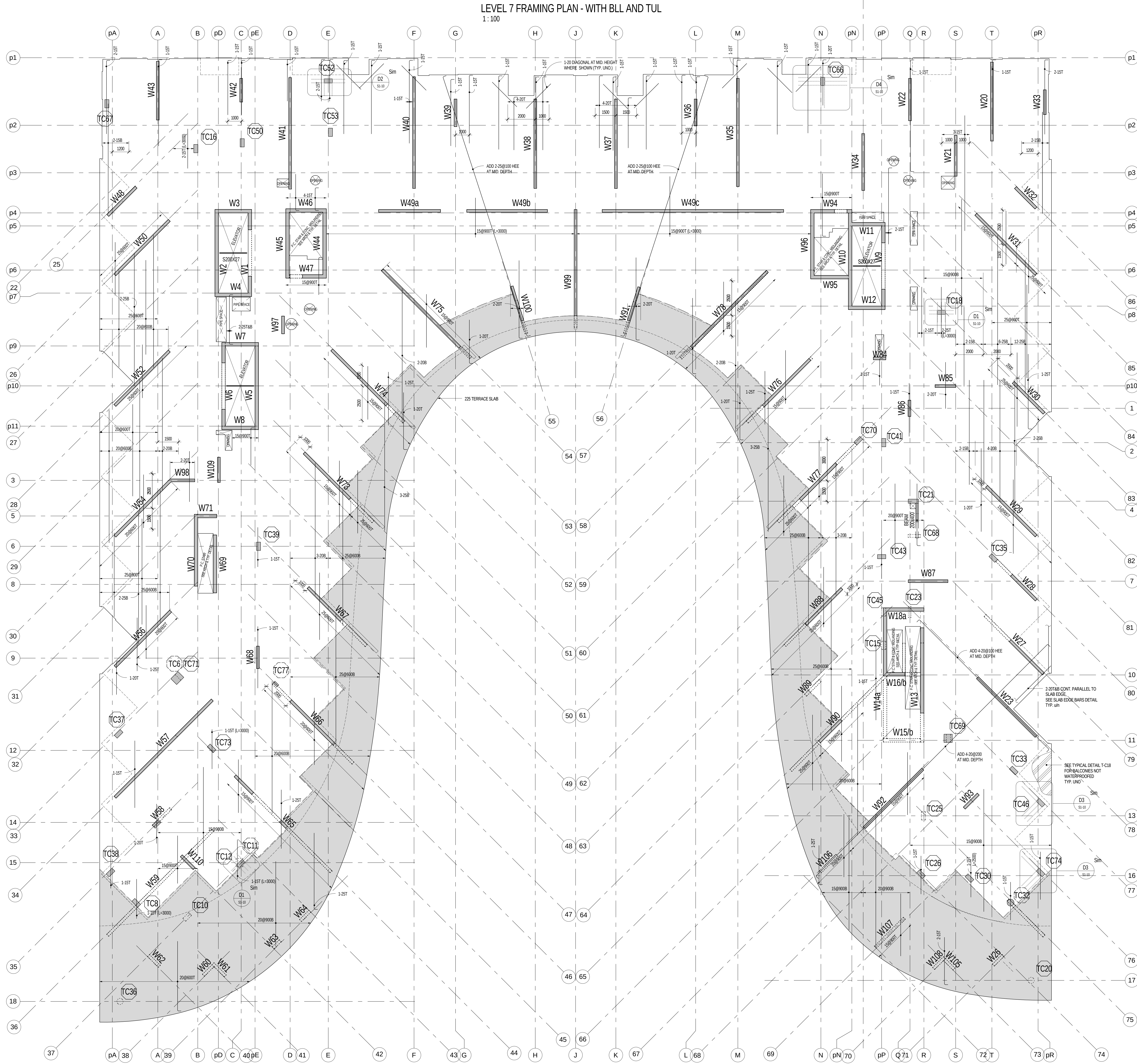
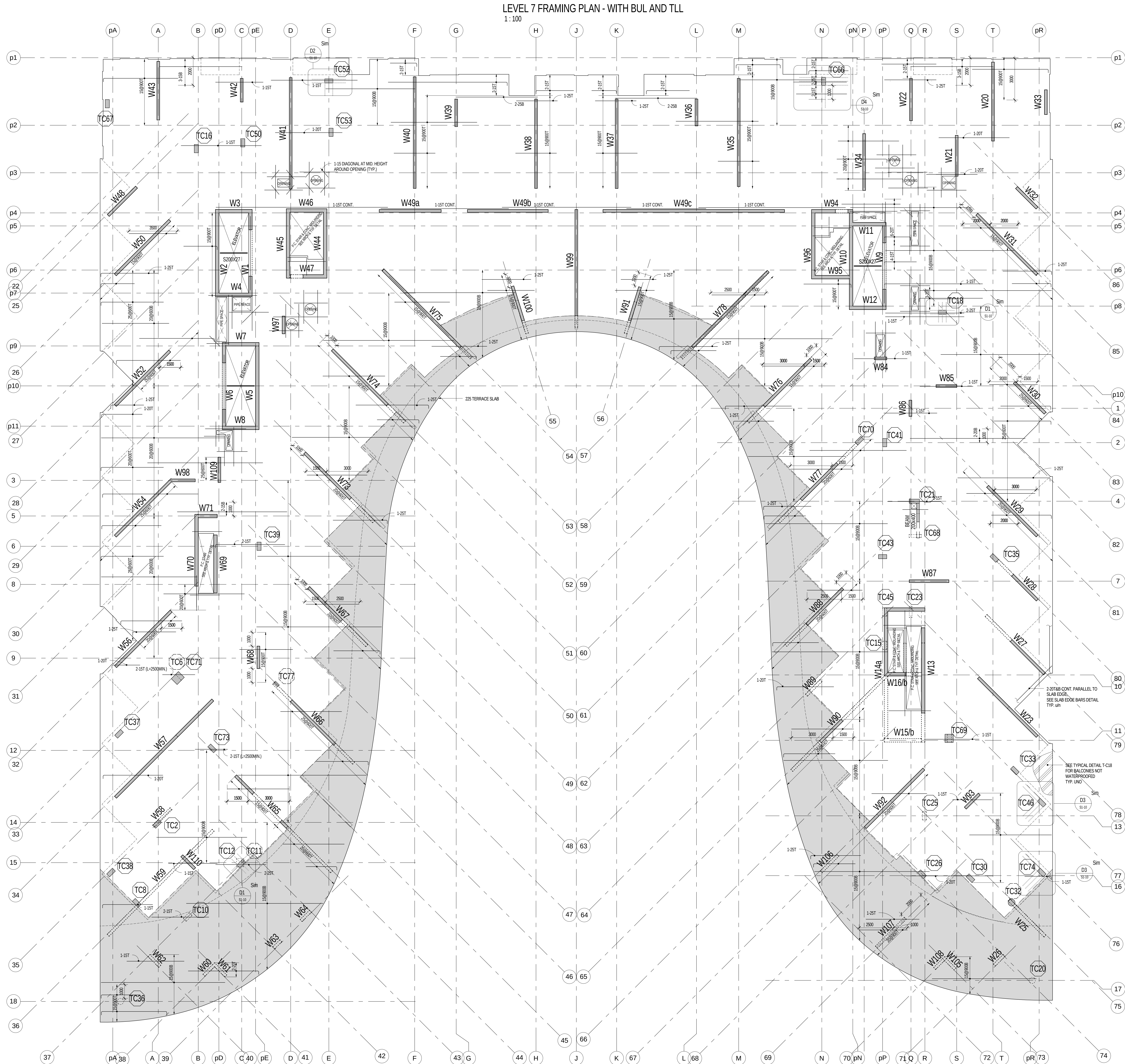


AQUAVISTA
AT BAYSIDE TORONTO

Hines **TRIDEL**
AQUAVIST
Block 3 - R3 & F
Merchant's W



S1-13



SLAB EDGE BARS DETAIL
1:10

REINFORCEMENT PLACEMENT DIAGRAM

REINFORCEMENT	QUANTITY	SIZE	LENGTH	WEIGHT
SLAB	100	10M	1.00	1.00
INTERIOR BARS	100	10M	1.00	1.00
CONCRETE STRENGTH	25	MPa		
TEMP. STEEL	25	MPa		
TERRACE SLAB	25	MPa		
INTERIOR BARS	25	MPa		
CONCRETE STRENGTH	25	MPa		
TEMP. STEEL	25	MPa		

SEE PLAN FOR ADDITIONAL REINFORCEMENT

NOTES:

- TOP OF STRUCTURAL SLAB TO BE 50MM BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (ALL) AND SUPERIMPOSED DEAD LOADS (ALL) IN ADDITION TO THE SELF WEIGHT.

USE	LOAD
OFFICE	2.5 kPa
RETAIL	3.0 kPa
STAIRS/LIBRARY	4.0 kPa
ROOF	0.5 kPa
- INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IS 25MM AND 15MM RESPECTIVELY.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
- THE PROJECT SUPERINTENDENT MUST CONTACT THE OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- SEE BEAM AND COLUMN SCHEDULES, WALL ELEVATIONS.
- PROVIDE CONTINUOUS TEMPERATURE STEEL TOP AND BOTTOM HOODS AT EDGE OF SLAB AND SPACING, IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
- PROVIDE TIE FOR ALL SLAB REINFORCEMENT.
- ADD 2-10M LONG AT PERIMETER BARS TO SLAB EDGE. SEE SLAB EDGE BARS DETAIL.

4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 12, 2015
NO	ISSUED FOR	DATE

AQUAVISTA
AT BAYSIDE TORONTO

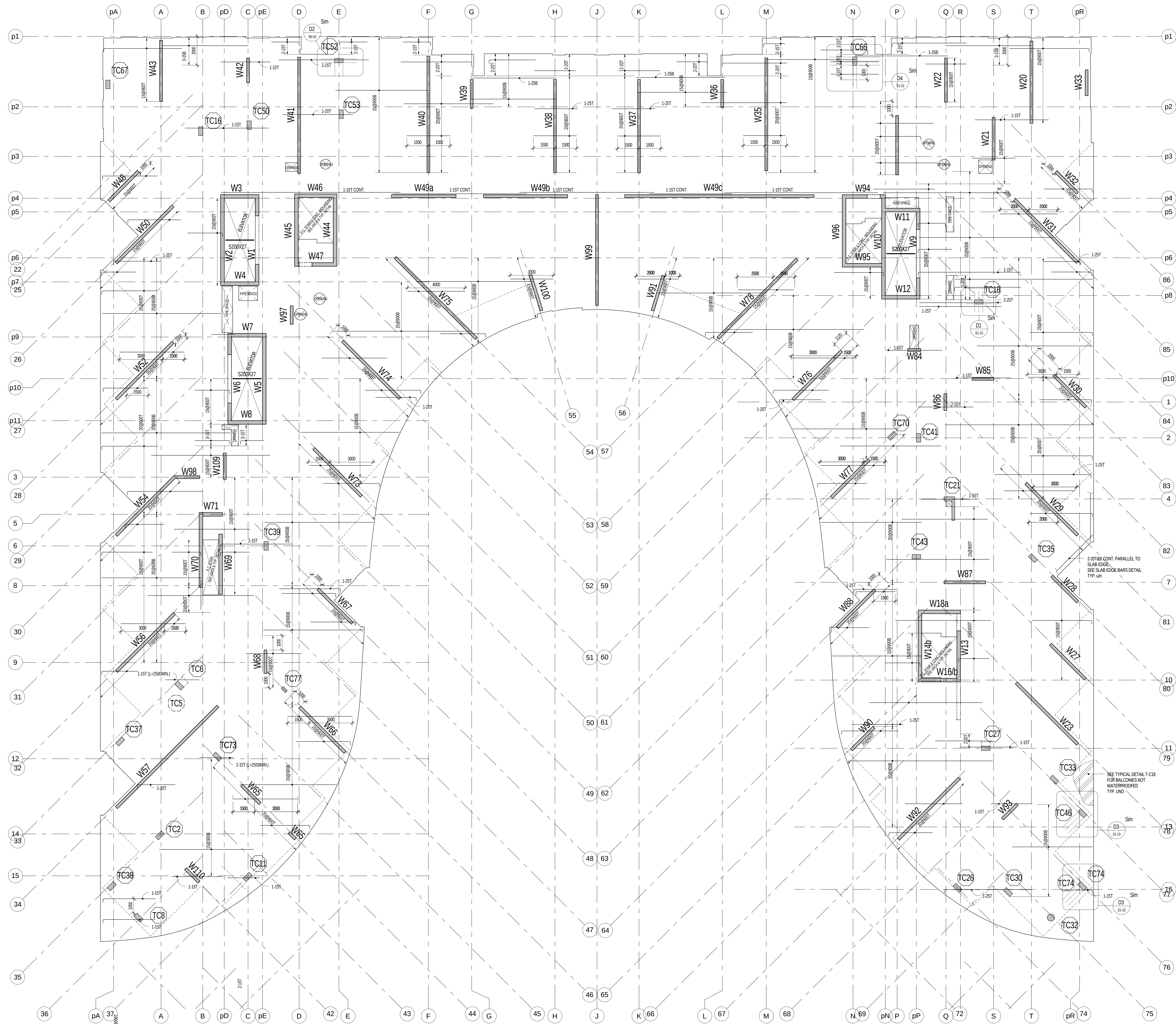
Drawing Title
LEVEL 7 FLOOR FRAMING PLAN

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

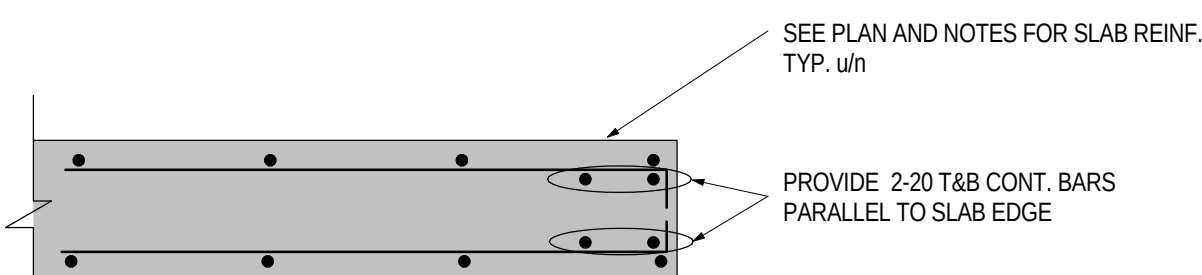
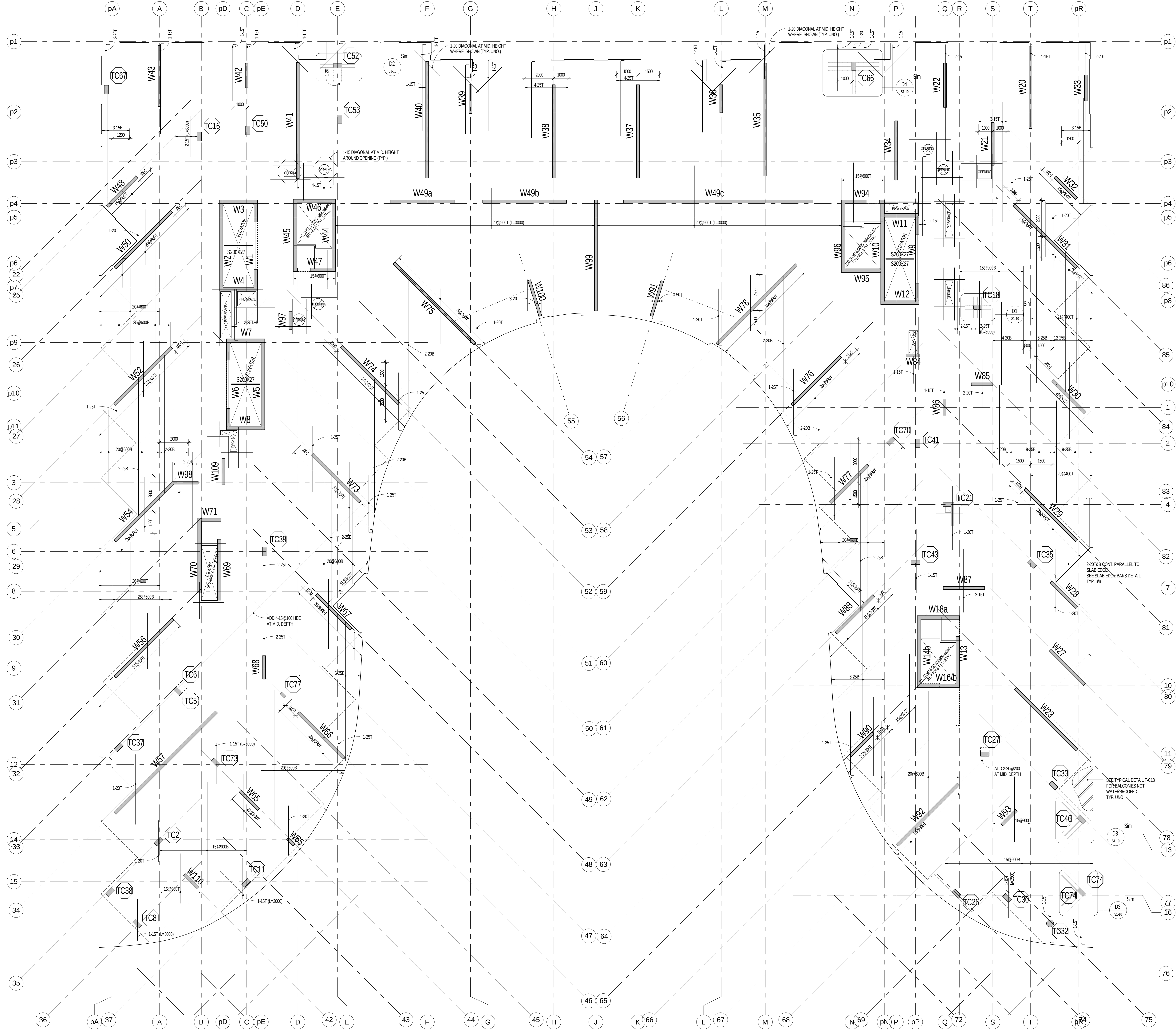
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20140031
SEPT 21, 2015
Drawing No.
Checked by
Project No.
Date

S1-14

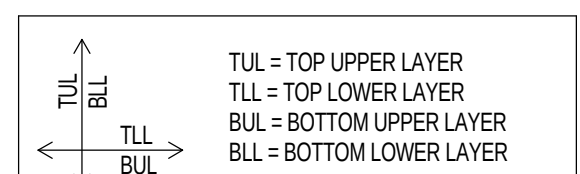
LEVEL 8 FRAMING PLAN - WITH BUL AND TLL
1:100



LEVEL 8 FRAMING PLAN - WITH BILL AND TUL
1:100



SLAB EDGE BARS DETAIL
1:10



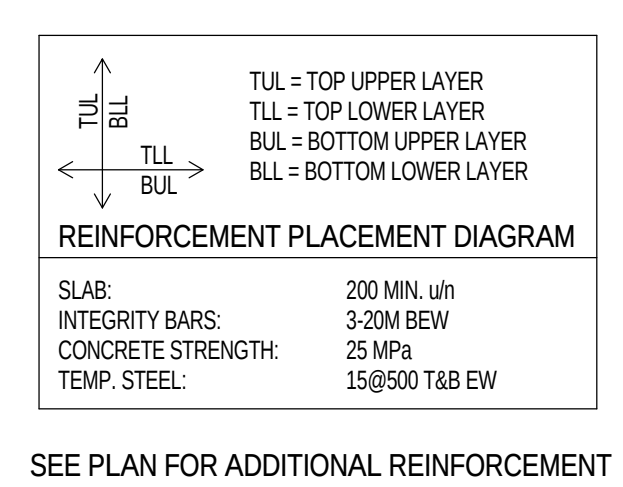
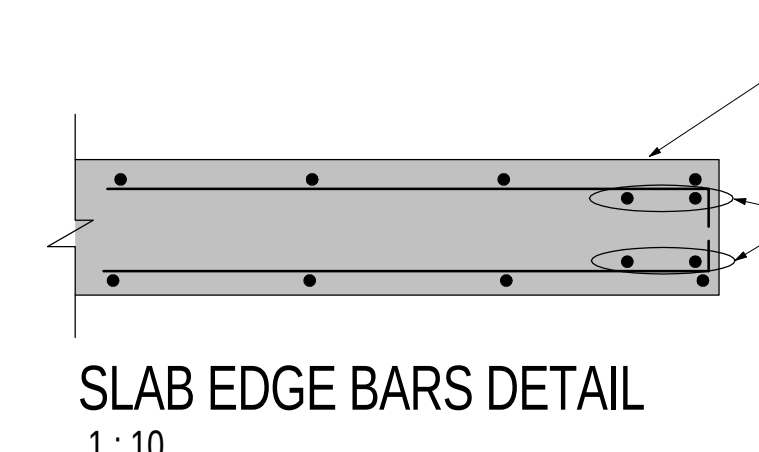
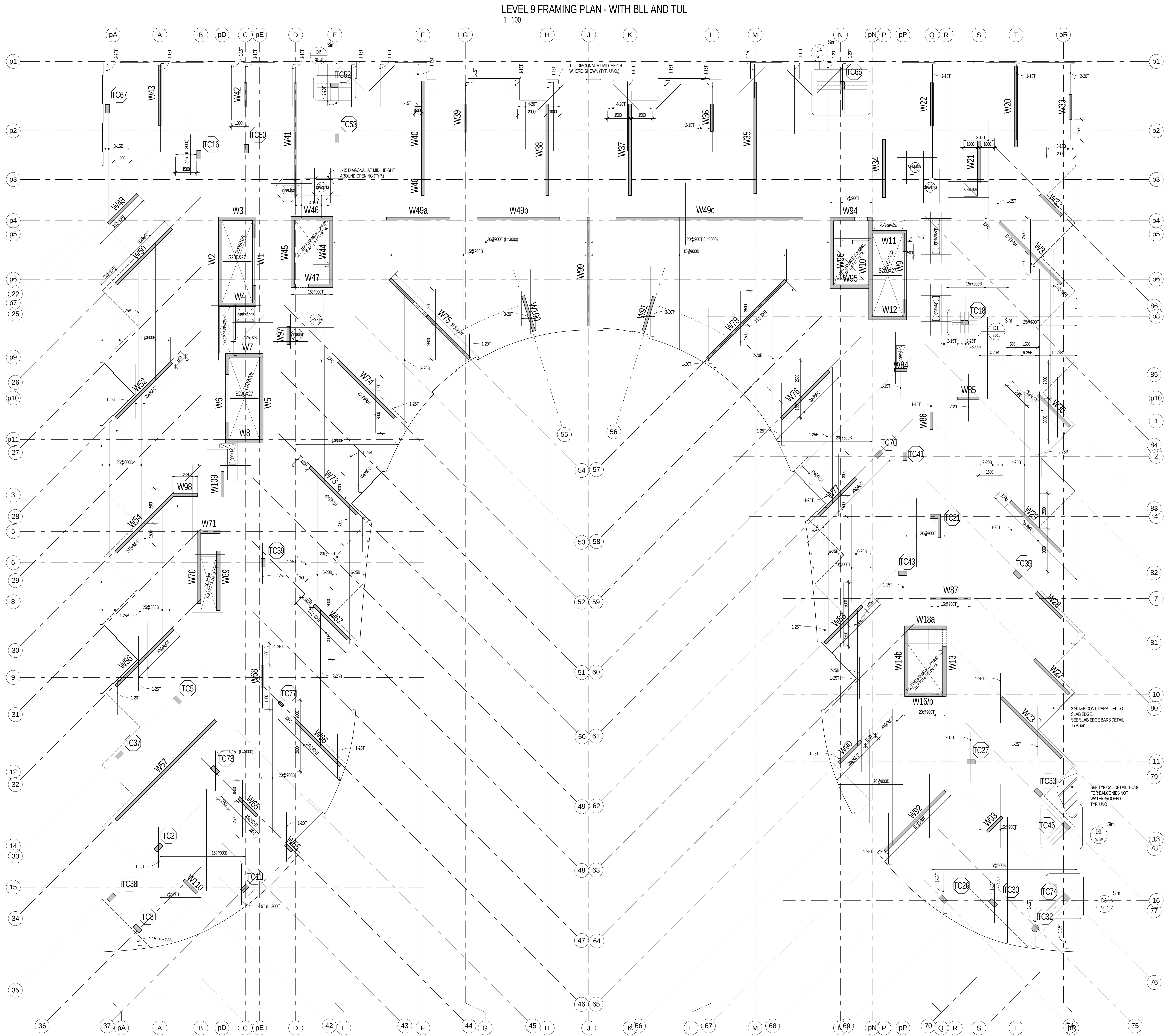
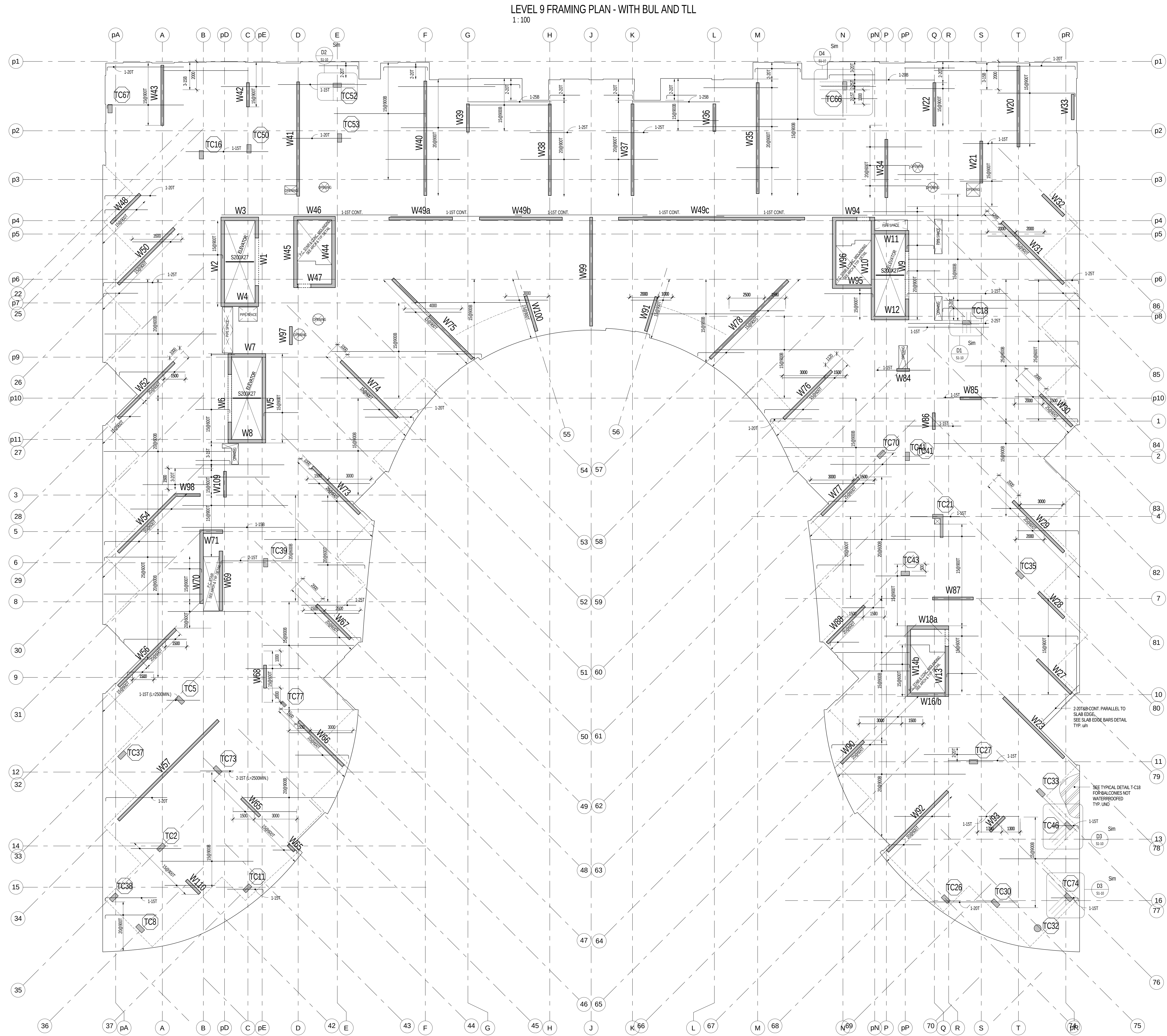
REINFORCEMENT PLACEMENT DIAGRAM

SEE PLAN FOR ADDITIONAL REINFORCEMENT

NOTES:

- 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 (DL) IN ADDITION TO THE SELF WEIGHT:

	LL	DL
SUITE	1.8 kPa	1.2 kPa
STORAGE	4.8 kPa	1.2 kPa
STAIRWAY	4.8 kPa	1.2 kPa
SALOON	4.8 kPa	1.2 kPa
- ALL ALLOWANCES FOR SLOPES AND ROOFING MATERIALS.
- CONCRETE COVER FOR 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 REINFORCEMENT MUST BE CONSTRUCTED TWO LAYERS SEPARATE PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- SEE BEAM AND COLUMN SCHEDULES, WALL ELEVATIONS.
- PROVIDE CONCRETE TOP REINFORCEMENT, TOP AND BOTTOM, LOCATED AT EDGE OF SLAB AND OPENINGS, IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
- PROVIDE TLL TOP AS SLAB REINFORCEMENT.
- ADD 3:20 TAB CONT. AT PERIMETER BEND BARS TO SUIT SLAB EDGE. SEE SLAB EDGE BARS DETAIL.



- NOTES:
- TOP OF STRUCTURAL SLAB TO BE 0.5m 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 (DL) IN ADDITION TO THE SELF WEIGHT:

	LL	DL
SUITE	2.4 KPa	1.5 KPa
TERRACE	4.8 KPa	1.5 KPa
STAIRS	4.8 KPa	1.5 KPa
BALCONIES	4.8 KPa	0.5 KPa
 - * INCLUDES ALLOWANCE FOR JOISTS AND JOISTING MATERIALS.
 - * AN ALLOWANCE FOR DOWN LOAD UP TO 150 N/m HAS BEEN CONSIDERED.
 - CONCRETE COVER FOR 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.
 - THIS PROJECT SUPERINTENDENT MUST CONTACT THE OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
 - SEE BEAM AND COLUMN SCHEDULES, WALL ELEVATIONS.
 - PROVIDE CONTROLS FOR TEMPERATURE CRACKS, TOP AND BOTTOM HOOKED AT EDGE OF SLAB AND OPENINGS IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
 - PROVIDE 15 FOR ALL SLAB REINFORCEMENT.
 - ADD 3.00mm CONT. AT PERIMETER BEND BARS TO SLAB SLAB EDGE. SEE SLAB EDGE BARS DETAIL.

Contractor Must Check and Verify All Dimensions On The Job.
Do Not Scale The Drawings.
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4 BUILDING PERMIT SEPT 21, 2015
3 BUILDING PERMIT JULY 22, 2015
2 BUILDING PERMIT SUBMISSION JUNE 12, 2015
1 ISSUED FOR REVIEW MAY 12, 2015
NO ISSUED FOR _____ DATE _____

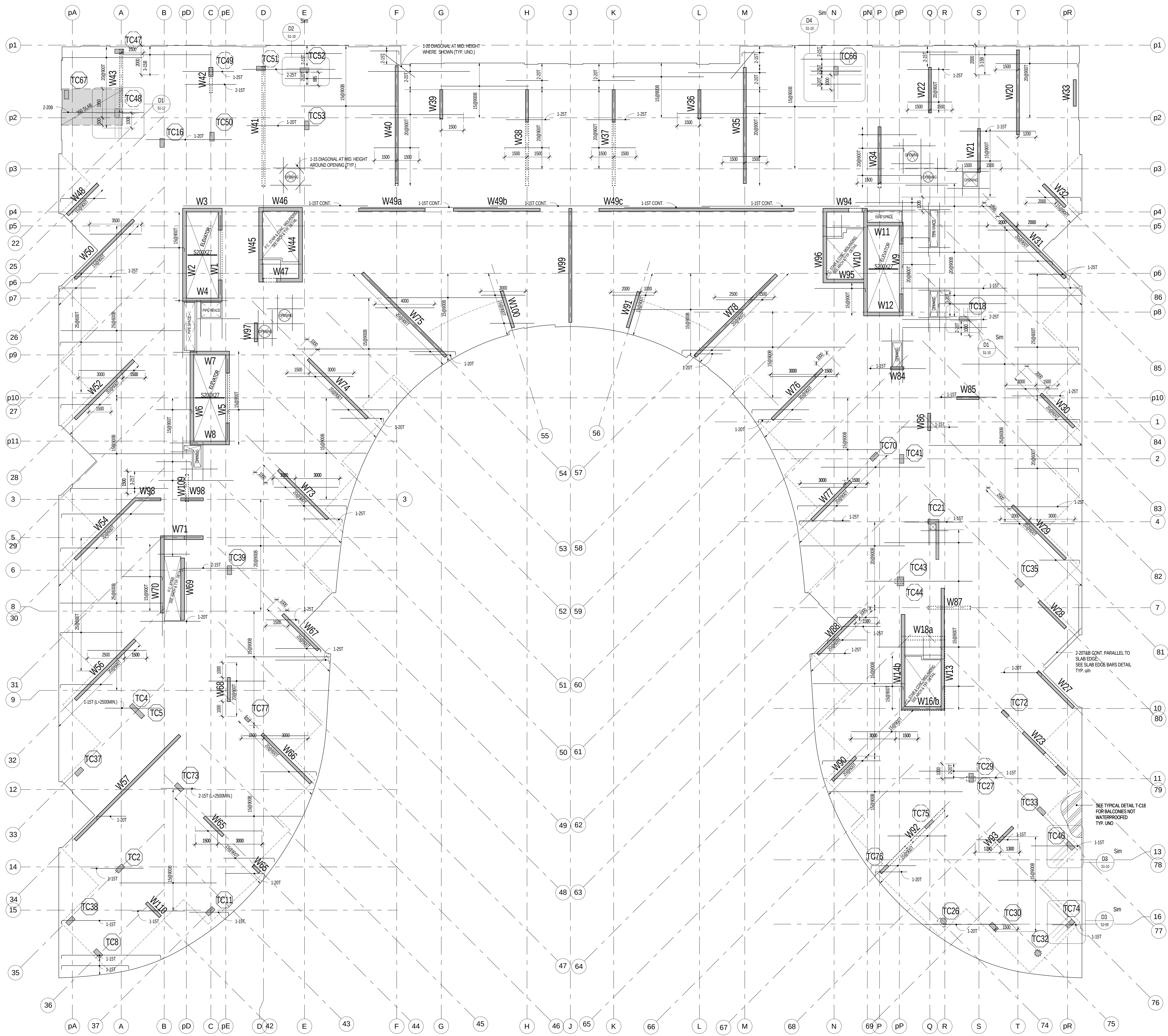
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title:
LEVEL 9 FLOOR FRAMING PLAN

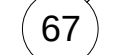
Project:
Hines TRIDEL AQUAVISTA Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated Drawn by:
IC/BBS Checked by:
20140031 Project No:
SEPT 21, 2015 Date:
Drawing No:
S1-16

LEVEL 10 FRAMING PLAN - WITH BUL AND TLL
1:100



1:100



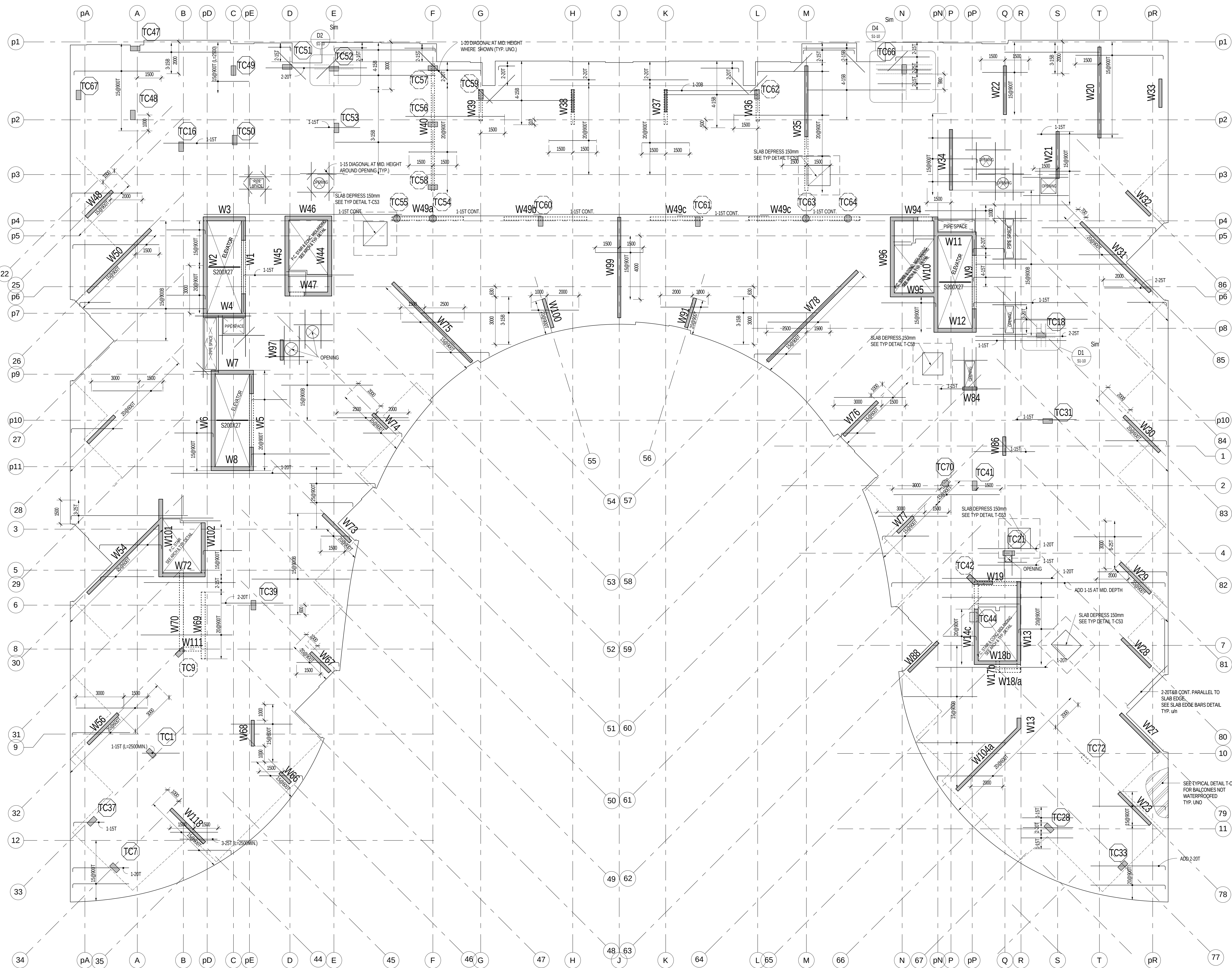
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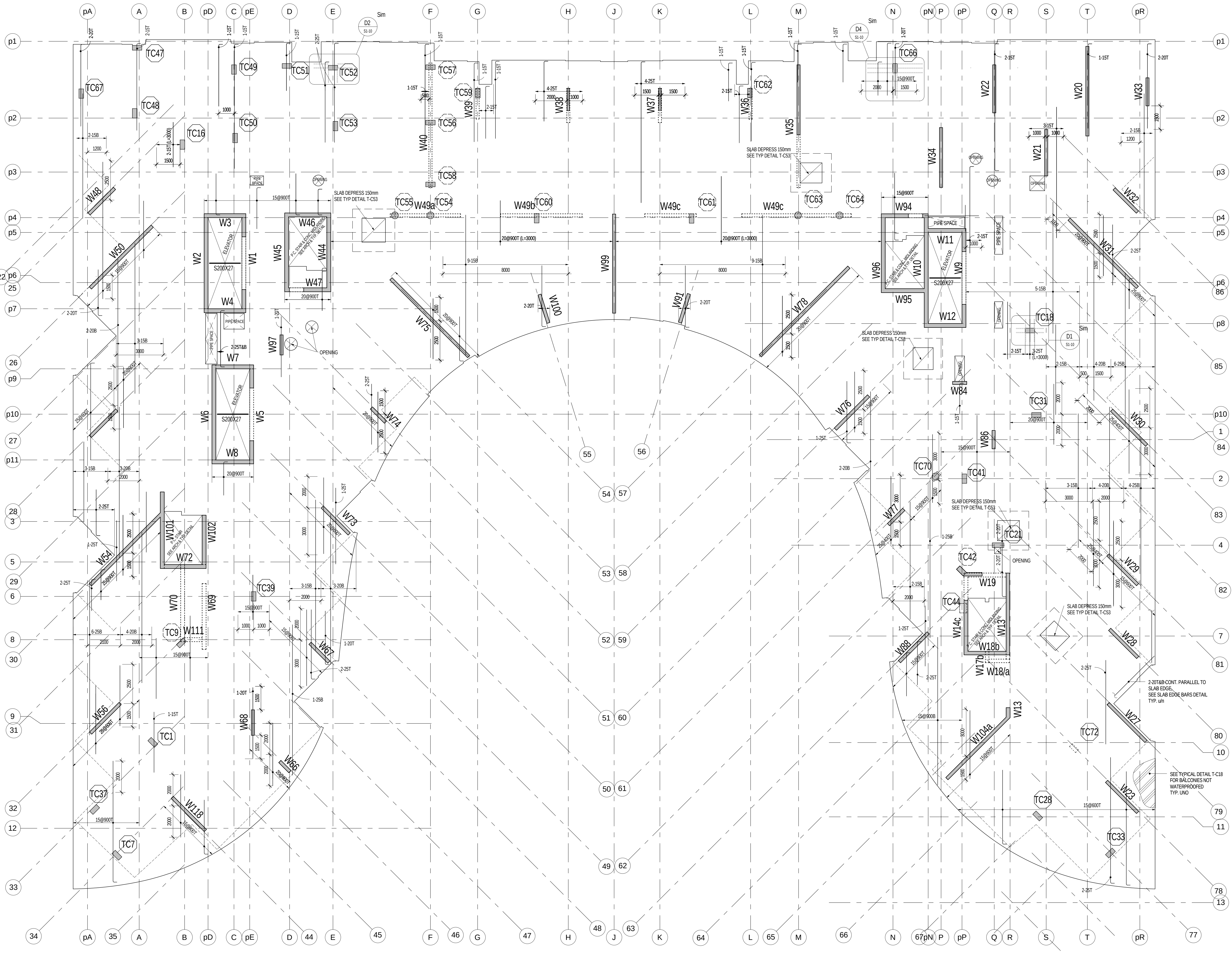
* INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS

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LEVEL 12 FRAMING PLAN - WITH BLL AND TUL
1:100



LEVEL 12 FRAMING PLAN - WITH BUL AND TLL
1:100



SLAB EDGE BARS DETAIL
1:10

- NOTES:
- TOP OF STRUCTURAL SLAB TO BE 0.6 m BELOW FINISHED FLOOR DATA ELEVATION. EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATA ELEVATION.
 - THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT:

SLAB	LL (kPa)	SDL (kPa)
TOP FLOOR	2.0	0.5
STAIRS	2.0	0.5
ROOF	0.5	0.5
 - ALL ALLOWANCE FOR SLAB DEFLECTION DURING CONSTRUCTION = AN ALLOWANCE FOR SHOCK LOAD OF 1.25 kPa HAS BEEN CONSIDERED.
 - CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 20 mm.
 - APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
 - THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
 - SEE ALSO TYPICAL NOTES AND DETAILS.
 - SEE ALSO AND COLUMN COVERS ARE WALL ELEVATIONS.
 - PROVIDE CONTINUOUS TEMPERATURE STEEL TOP AND BOTTOM, HOOKED AT EDGE OF SLAB AND OPENINGS. IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
 - PROVIDE TLL FOR ALL SLAB REINFORCEMENT.
 - ADD 2.0TUB CONT. AT PERIMETER BARS TO SLIT SLAB EDGE. SEE SLAB EDGE BARS DETAIL.

4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 12, 2015

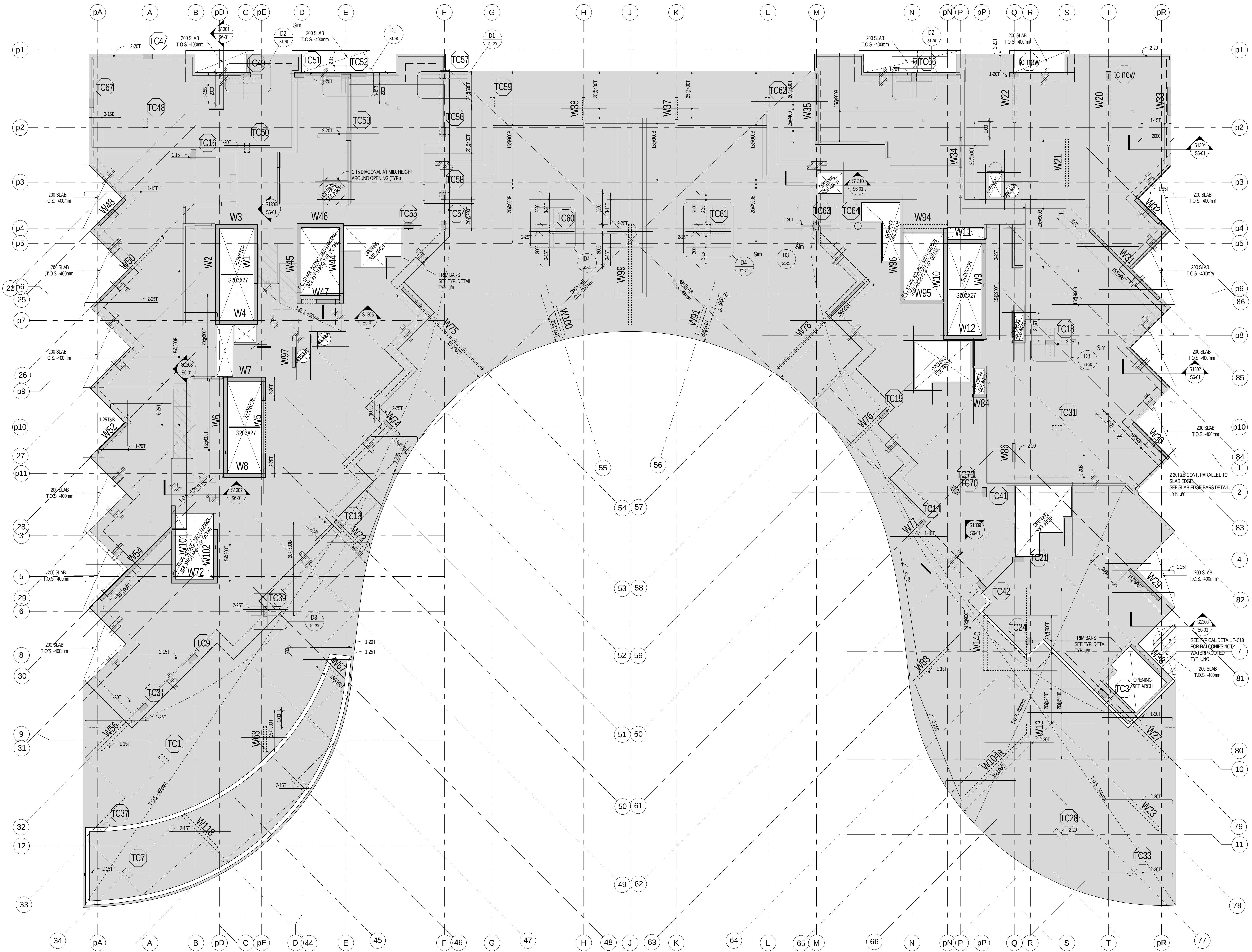
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
LEVEL 12 / PH1 FLOOR
FRAMING PLAN

Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated
D/C: _____
I/A/B/S: _____
20140031
SEPT 21, 2015
S1-19

LEVEL 13 FRAMING PLAN - WITH BLL AND TUL
1:100



D1 PLAN DETAIL
S1-20 1:25

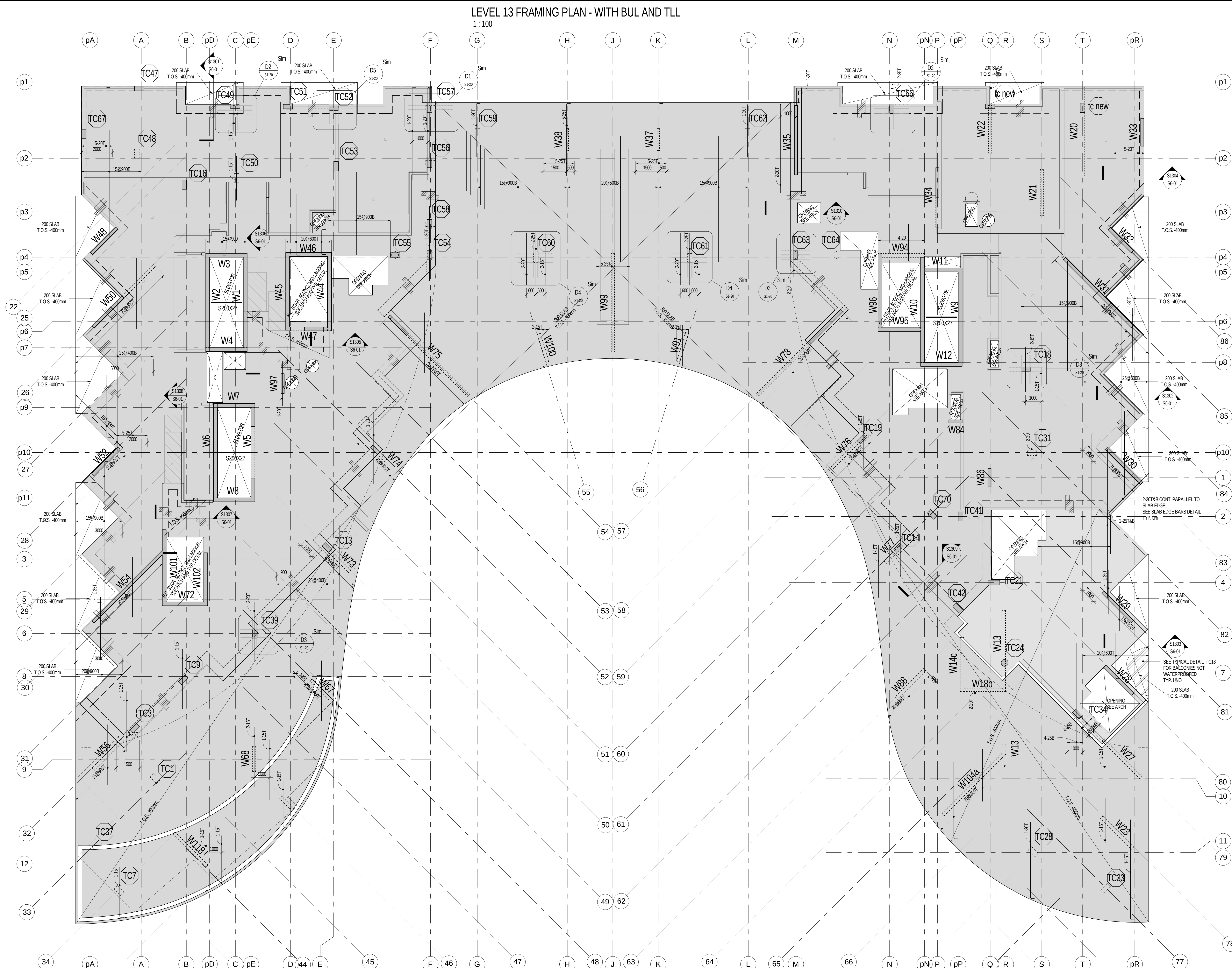
D2 PLAN DETAIL
S1-20 1:25

D3 PLAN DETAIL
S1-20 1:25

D4 PLAN DETAIL
S1-20 1:25

D5 PLAN DETAIL
S1-20 1:25

SLAB EDGE BARS DETAIL
1:10



NOTES

1. TOP OF STRUCTURAL SLAB TO BE 0.0 mm BELOW FINISHED FLOOR DATUM ELEVATION WITHIN THE MECHANICAL ROOM AND AT SLAB LOW POINTS. TOP OF SLAB IS SLOPED TO DRAINS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
2. TOP OF STRUCTURAL SLAB TO BE 0.0 mm BELOW FINISHED FLOOR DATUM TO GRAVITY WITHIN THE MECHANICAL ROOM AND AT SLAB HIGH POINTS. TOP OF SLAB IS SLOPED TO DRAINS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
3. ROOF DRAINAGE SLOPES ARE TO BE ACHIEVED BY SLOPING THE TOP OF THE SLAB. NOTE THAT THE SOFFIT OF SLAB IS FLAT.
4. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) SUPERIMPOSED DEAD LOADS (SDL) AND SNOW LOADS (S) IN ADDITION TO THE SELF WEIGHT.

	LL	SSL
GENERATOR/COOLING TOWER/MECHANICAL PENTHOUSE	6.0 kPa	3.6 kPa
STAIRS/HALL/LOBBY	4.8 kPa	0.5 kPa
PENTHOUSE SUITES	1.9 kPa	1.25 kPa
AMENITY AREA	4.8 kPa	1.25 kPa
GREEN ROOF	4.8 kPa	5.5 kPa
PLANTERS	1.125 kPa	24 kPa
MECHANICAL/ELECTRICAL ROOM	3.6 kPa	3.6 kPa

5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 25MPa. REFER ALSO TO WALL SCHEDULE.
6. CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
7. APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
8. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
9. SEE TYPICAL DETAIL DRAWING FOR LINTELS IN NONLOAD BEARING BLOCK WALLS.

SEE PLAN FOR ADDITIONAL REINFORCEMENT

4	BUILDING PERMIT RESUBMISSION	SEPT.21.2011
3	BUILDING PERMIT RESUBMISSION	JULY 22.2011
2	BUILDING PERMIT SUBMISSION	JUNE 12.2011
1	ISSUED FOR WT REVIEW	MAY 01.2011
No	Issued For	Date

AQUAVISTA
AT BAYSIDE TORONTO

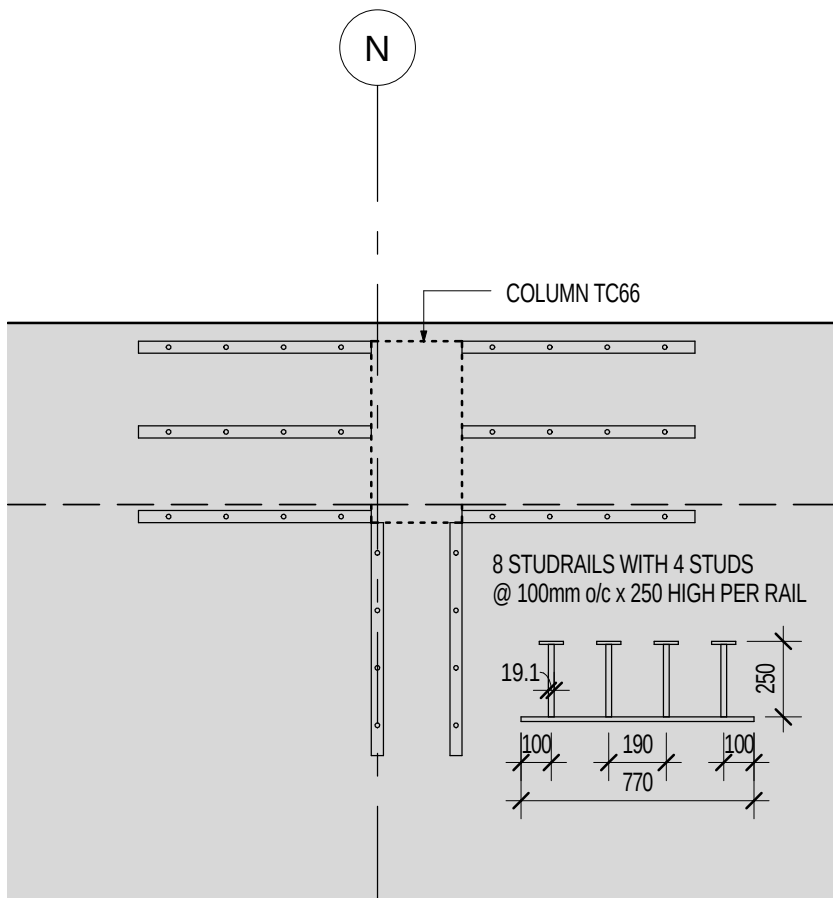
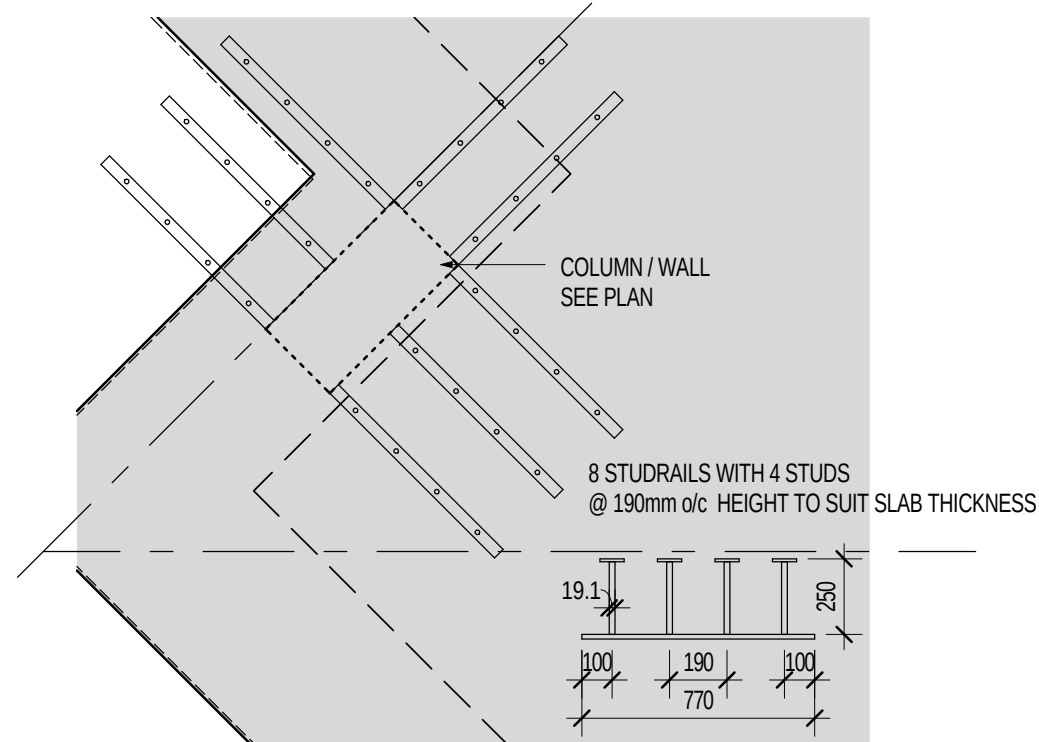
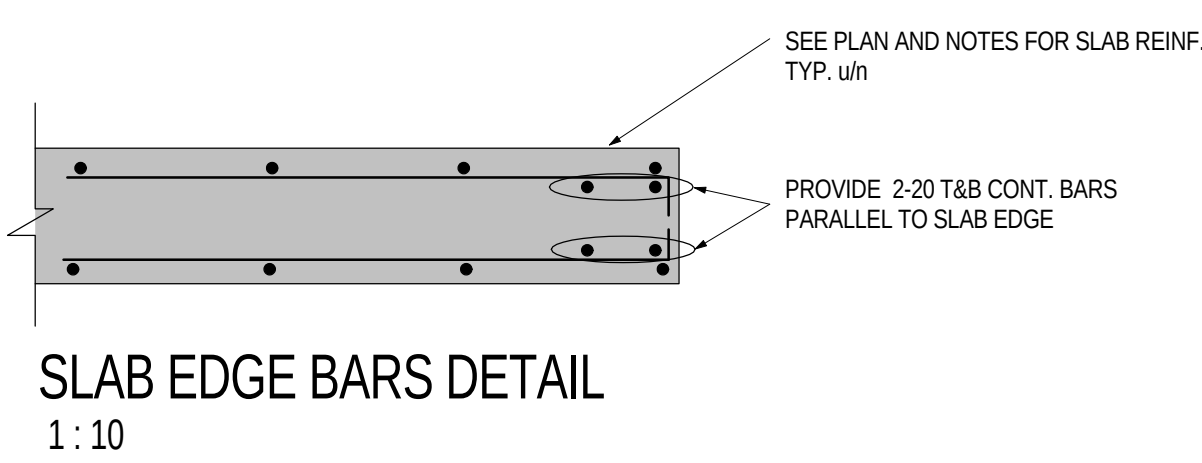
Drawing Title
LEVEL 13/PH2/ MECH
FLOOR FRAMING PLAN

Hines TRIDEL®
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON



As indicated	Drawn by
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IA/BBS	Project No.
20140031	Date

S1-20



1. TOP OF STRUCTURAL SLAB TO BE 60 mm ABOVE ROOF DATUM ELEVATION EXCEPT AS CROSSED AND NOTED AND AS SHOWN TO BARS AS SHOWN BY THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
2. ROOF DRAWING SLOPES ARE TO BE INDICATED BY SLOPING THE TOP OF THE SLAB. NOTE THAT THE SLOPE OF SLAB IS SLAT.
3. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) AND SNOW LOADS (S) IN ADDITION TO THE SELF WEIGHT.

	LL	DL	S
ROOF AREA	1.1 kPa (ASL)	1.0 kPa (ASL)	1.0 kPa (ASL)
GREEN ROOF	1.1 kPa (ASL)	1.0 kPa (ASL)	1.0 kPa (ASL)
PLAZA ROOF	1.1 kPa (ASL)	1.0 kPa (ASL)	1.0 kPa (ASL)

* INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS

4. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL ELEVATION DRAWINGS.
5. CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLAB TO BE 25 mm. NONSPACING TO BE CHARGED TO MAINTAIN PROPER COVER.
6. APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL DRAWINGS OTHER THAN THOSE SHOWN ON PLAN.
7. THE PROJECT SUPERINTENDENT MUST CONTACT THE OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
8. SEE ALSO TYPICAL NOTES AND DETAIL DRAWINGS.
9. REFER TO BEAM AND COLUMN SCHEDULES, WALL ELEVATIONS.
10. PROVIDE CONTINUOUS TEMPERATURE STEEL TOP AND BOTTOM WOKED AT EDGE OF SLAB AND ORNAMES. IN ADDITION TO REINFORCEMENT SHOWN ON PLAN.
11. PROVIDE 15 FOR ALL SLAB REINFORCEMENT.
12. ADD 2-30TMM CONT. AT PERIMETER BEND BARS TO SLAT SLAB EDGE. SEE SLAB EDGE BARS DETAIL.

	T&B	T&B	T&B
REINFORCEMENT PLACEMENT DIAGRAM			
SLAB	200 MM	200 MM	200 MM
INTENSITY BARS	3.0M BEW	3.0M BEW	3.0M BEW
CONCRETE STRENGTH	28 MPa	28 MPa	28 MPa
BOTTOM STEEL	16#4@100mm	16#4@100mm	16#4@100mm
TOP STEEL	16#4@100mm	16#4@100mm	16#4@100mm

SEE PLAN FOR ADDITIONAL REINFORCEMENT

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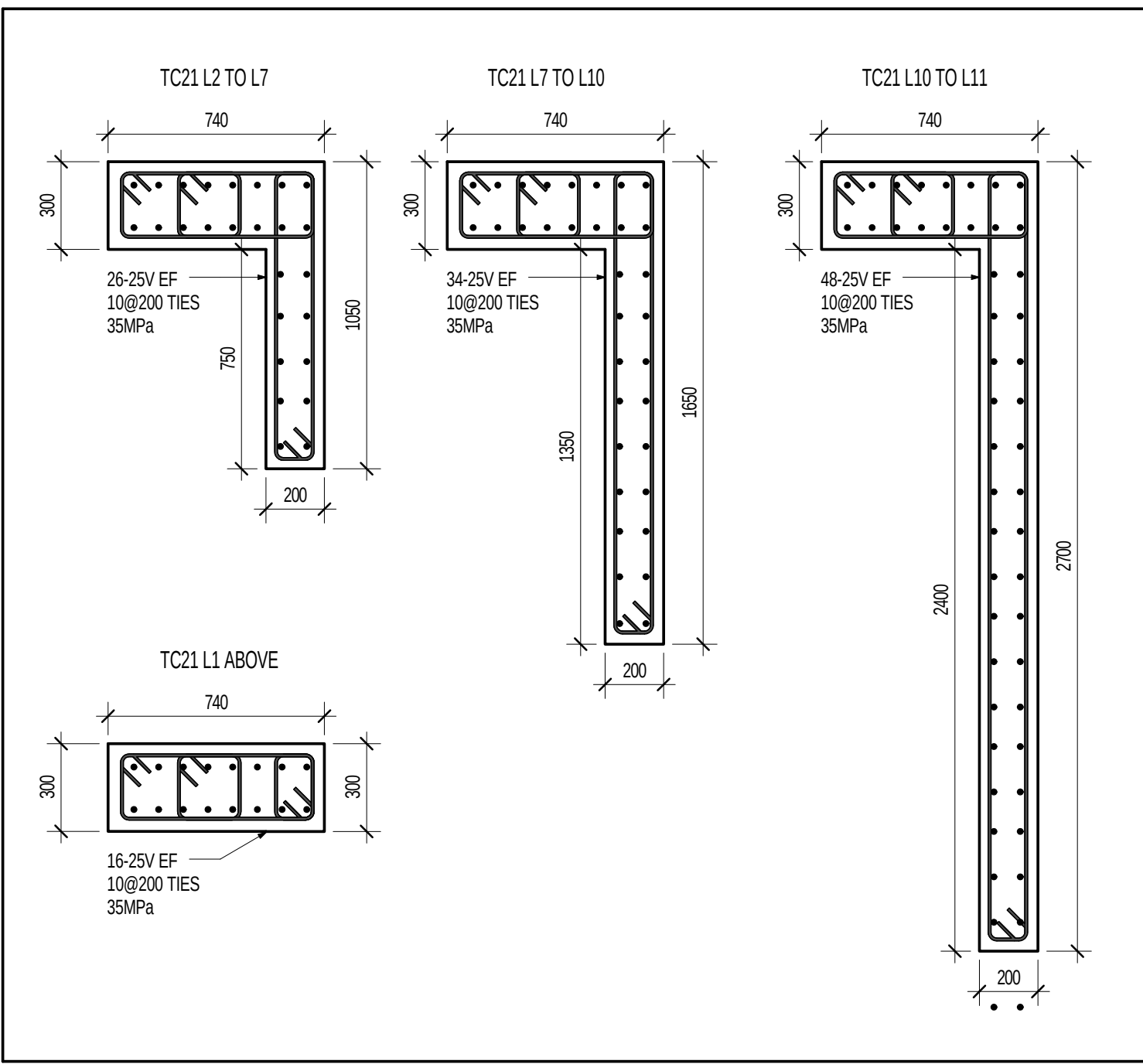
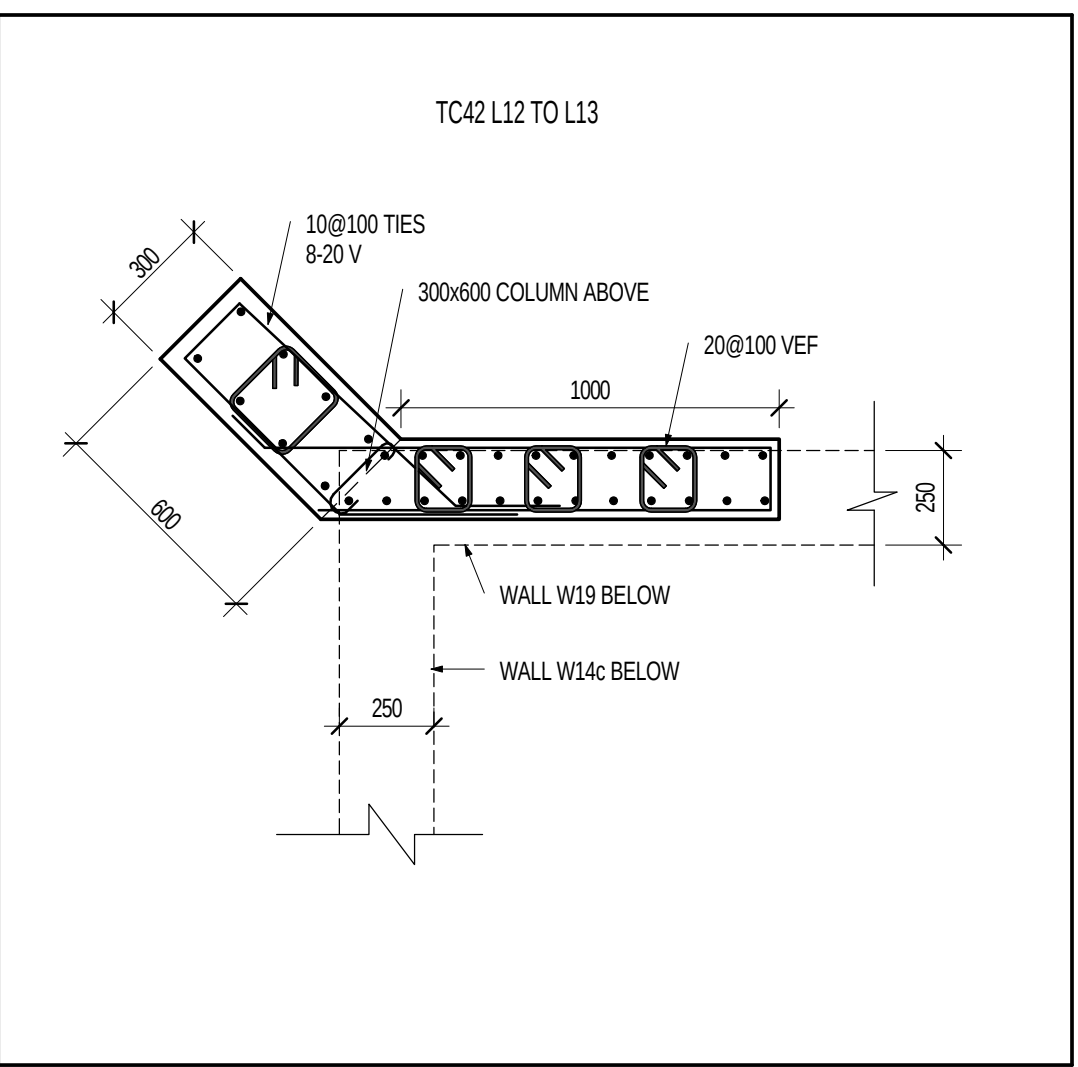
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4	BUILDING PERMIT RESUBMISSION	SEPT. 21, 2011
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2	BUILDING PERMIT SUBMISSION	JUNE 12, 2011
1	ISSUED FOR WT REVIEW	MAY 01, 2011
No	Issued For	Date

AQUAVISTA
AT BAYSIDE TORONTO

COLUMN SCHEDULE
LEVEL 2 ABOVE AN
CONNECTION PLAT
SCHEDULE

Hines **TRIDEL**
AQUAVISTA
Block 3 - R3 & F
Merchant's Wharf
Toronto, ON

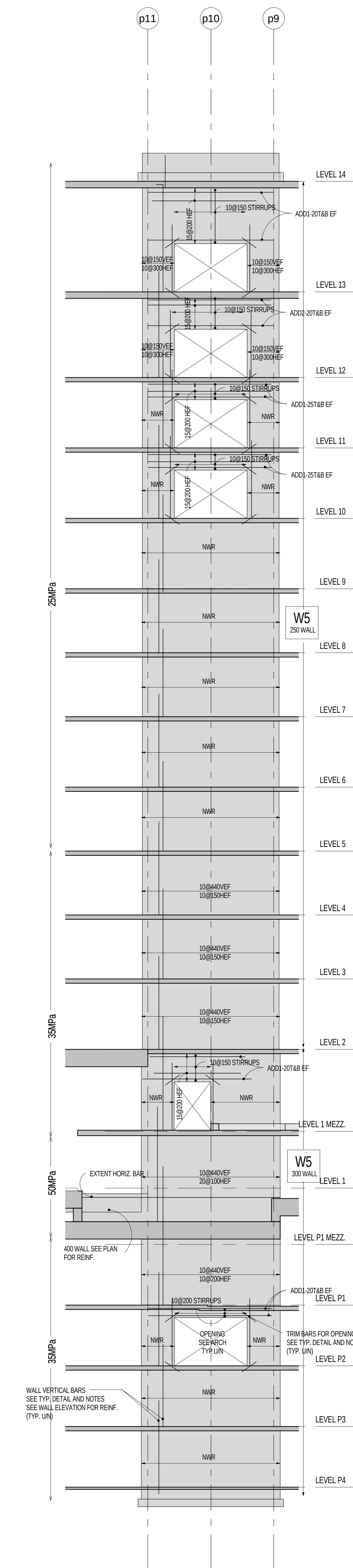
As indicated	Drawn
DC	Checked
IA/BBS	Project
20140031	

SEPT.21.2015
Drawing

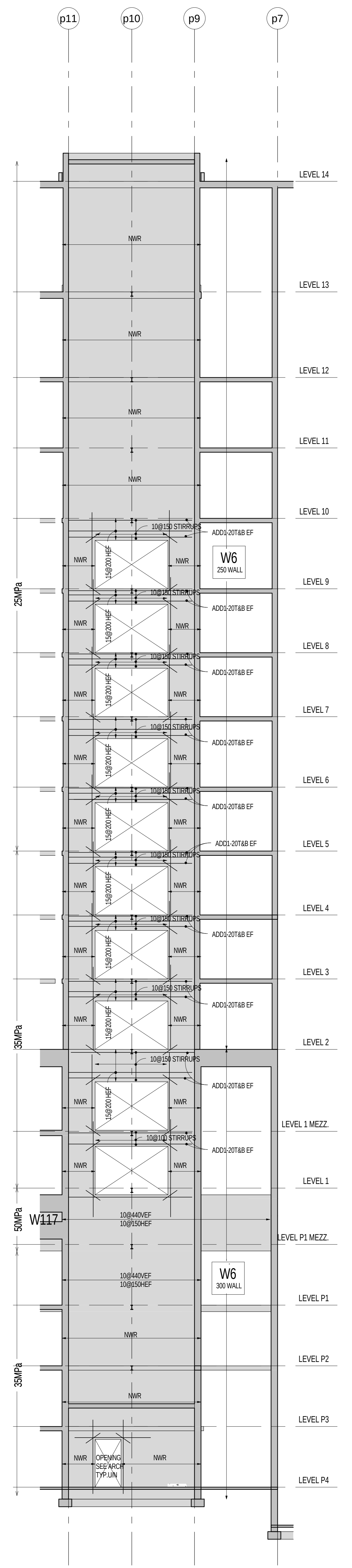
S2-02

LEVEL 2 BEAM SCHEDULE														
BEAM NUMBER	SIZE	BOTTOM BARS					TOP BARS					STIRRUPS		
		NO.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$		NO.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$		$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$
BM001	700x600	6	45			BLL					6000	TUL		30
							6	45			TUL	3400	1350"	
							6	45			TUL	1350	1350"	
							2	45			TLL	1350	1350"	
							6	45			FROM BM001		15	150T
BM002	1100x600	8	35			BLL								
		8	30			BLL					FROM BM001		15	150T
							6	45			FROM BM001		15	150T
							2	45			FROM BM001		15	150T
							5	45			TUL	8300	3850"	
BM003	1100x600	8	30			BLL								
							5	45			FROM BM002		30	150T
							3	45			FROM BM002		30	150T
							8	45			FROM BM002		30	150T
							5	45			TUL	2800	4250"	
BM004	1100x600	8	35			BLL								
		8	30			BLL					FROM BM003		15	150T
							3	45			FROM BM003		15	150T
							8	45			FROM BM003		15	150T
							5	45			TUL	4900	5450"	
BM005	1000x600	5	35			BLL								
		5	30			BLL					FROM BM004		15	150T
		8	30			BLL					FROM BM004		15	150T
							4	35			TUL			
							6	35			TLL			
BM006	1000x600	7	35			BLL					7	30		
		10	30			BLL					8	35		
		8	30			BLL					16	30		
							16	30			TUL	3600		
							16	35			TLL	2200		
BM007	700x600	7	30			BLL					7	25	1000	
		4	30			BLL					7	30		
BM008	800x800	2	25			BLL					3	25		
		2	20			BLL					5	30		
											2	35		
											4	30		
BM009	800x600	8	35			BLL					5	30		
		8	35			BLL					2	35		
											4	30		
											4	35		
											2	25		
BM010	1200x600	6	35			BLL					4	35		
		4	30			BLL					2	35		
											6	30		
											4	35		
											4	30		
BM011	1200x600	7	35			BLL					6	30		
											4	35		
											4	30		
											5	30		
											2	30		
BM012	1000x800	9	45			BLL					9	45	1000	
		9	45			BLL					5	20	1000	
											5	35		
BM013	1000x600	9	45			BLL					9	45	1000	
		6	35			BLL					9	45	1000	
BM014BM015	1000x1500x900	10	30			BLL					6	30		
											4	30		
											8	30		
											5	35		
											4	30		
BM015BM017	1000x1500x900	10	30			BLL					8	30		
											5	35		
											4	30		
											6	30		
											4	30		
BM018	1200x1500x900	8	30			BLL					6	30		
											2	35		
											6	30		
											4	35		
											2	35		

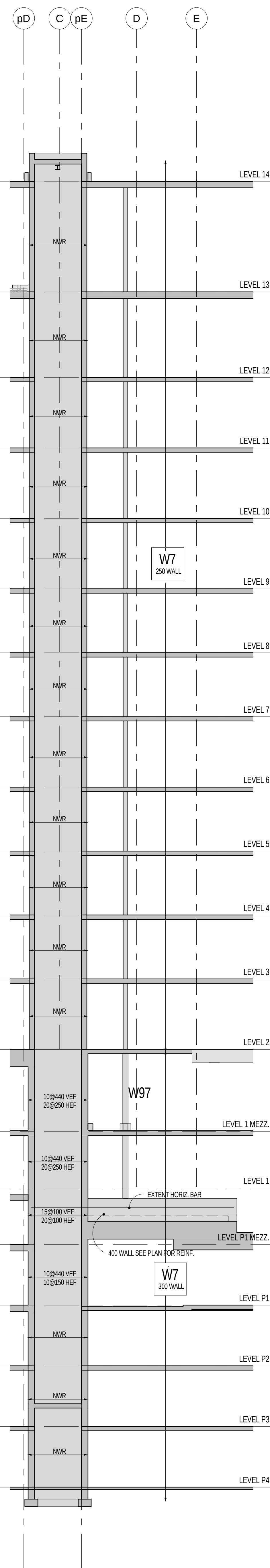
LEVEL 2 BEAM SCHEDULE														
BEAM NUMBER	SIZE	BOTTOM BARS					TOP BARS					STIRRUPS		
		NO.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$		NO.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$		$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$
BM019	1200x1500x900	8	30			BLL					6	30		
											4	35		
											2	35		
											6	30		
											2	35		
BM020BM021	600x1200	3	25			BLL					2	15		
		2	30			BLL					2	30		
		8	15			6HEF					2	30		
											2	15		
BM021BM022	600x1200	3	25			BLL					2	30		
		8	15			6HEF					2	30		
											2	15		
BM022	1500x550	5	30			BLL					7	30		
		6	35			BLL					1	30		
											7	30		
											4	35		
											3	35		
BM023	1500x550	7	30			BLL					7	30		
											4	35		
											3	35		
											4	30		
											2	30		
BM026	700x1500	5	30			CONT. BLL					3	20		
		12	15			6HEF								



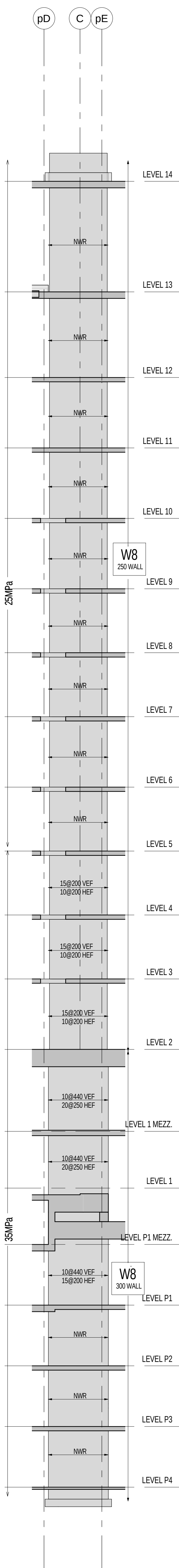
W5 WALL ELEVATION
S3-02 1:100



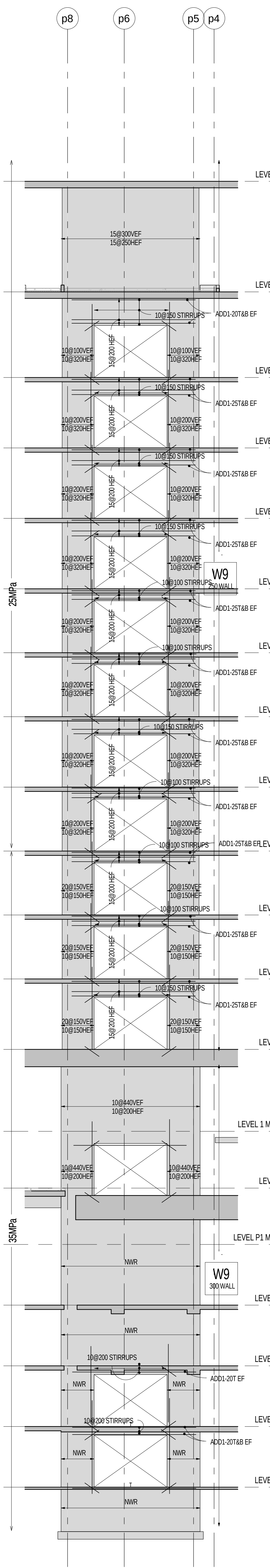
W6 WALL ELEVATION
S3-02 1:100



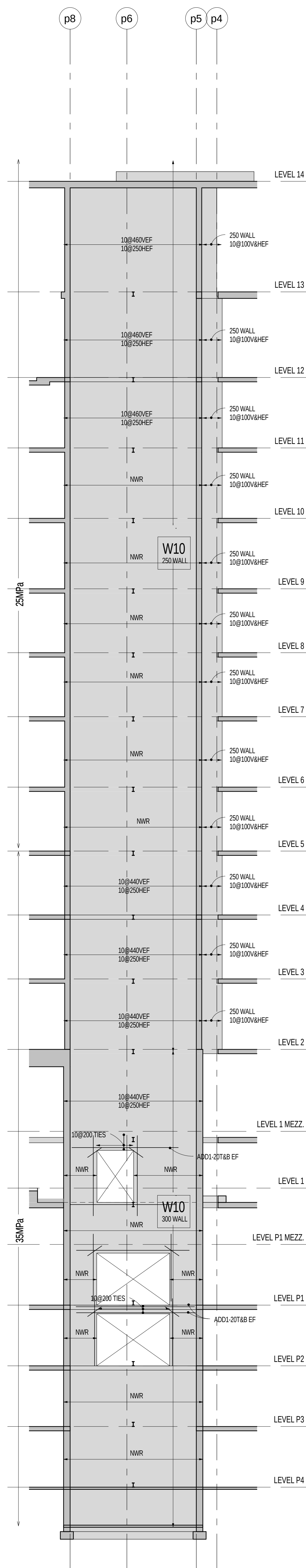
W7 WALL ELEVATION
S3-02 1:100



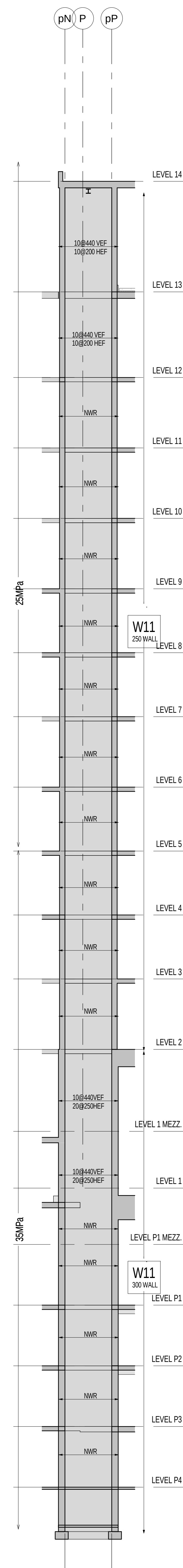
W8 WALL ELEVATION
S3-02 1:100



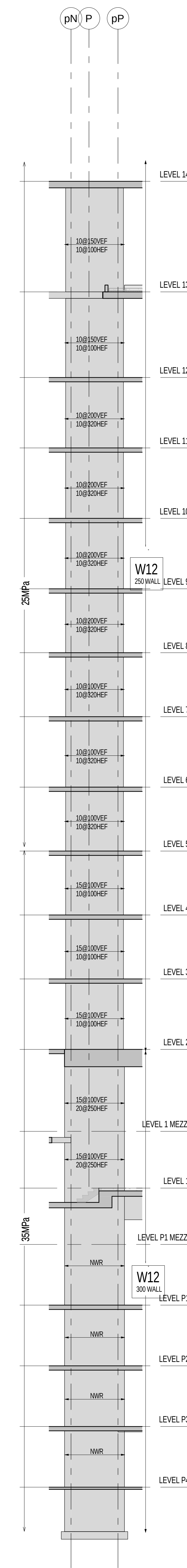
W9 WALL ELEVATION
S3-02 1:100



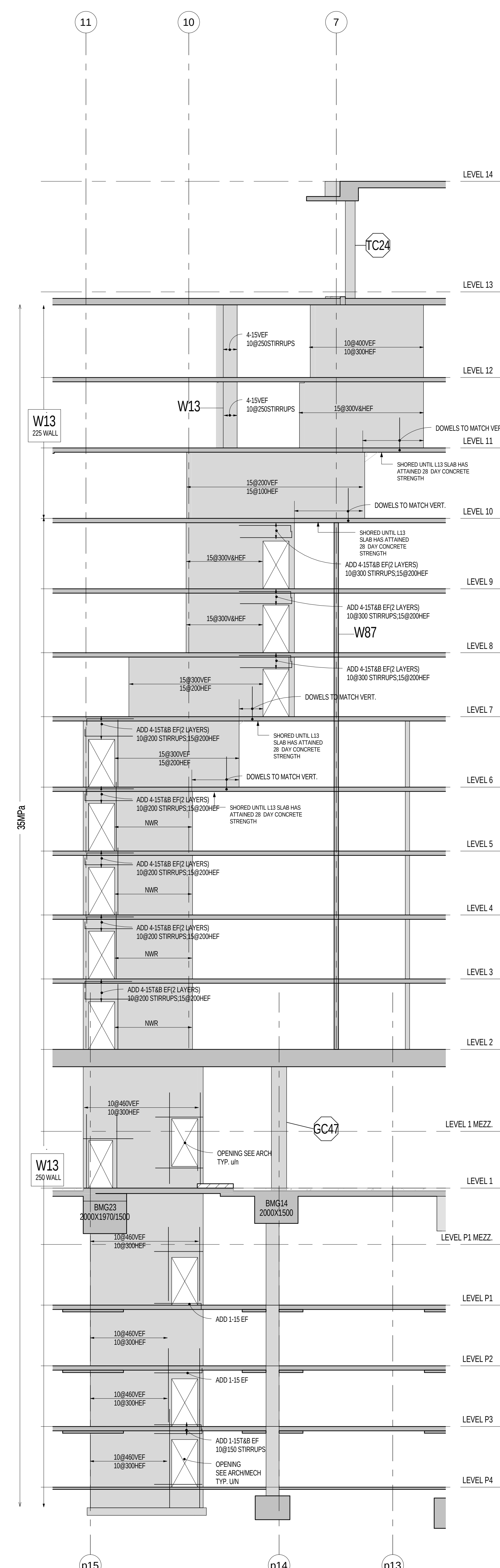
W10 WALL ELEVATION
S3-02 1:100



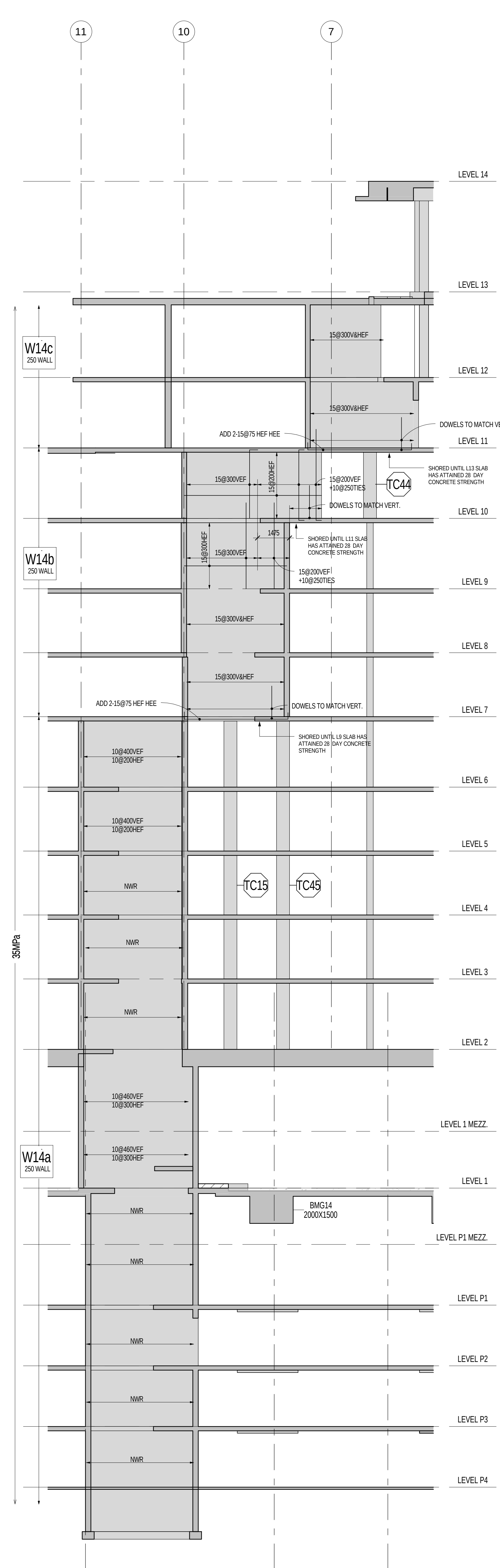
W11 WALL ELEVATION
S3-02 1:100



W12 WALL ELEVATION
S3-02 1:100

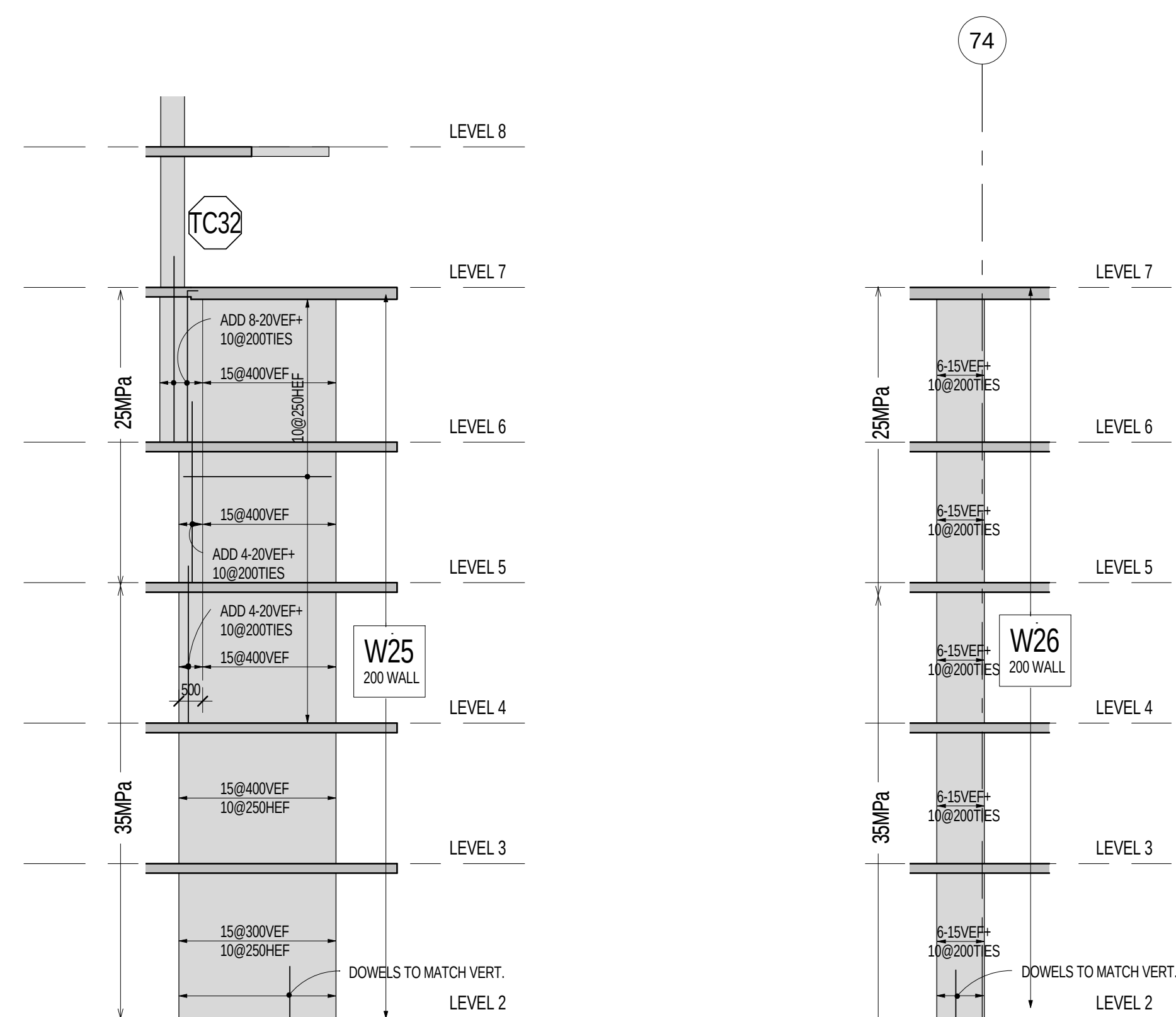


W13 WALL ELEVATION
S3-02 1:100

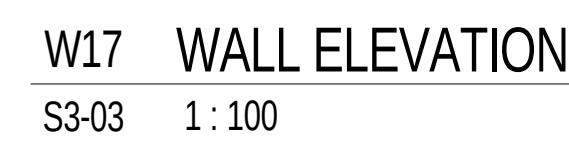


W14 WALL ELEVATION
S3-02 1:100

REFER TO NOTES ON SHEET S3-01



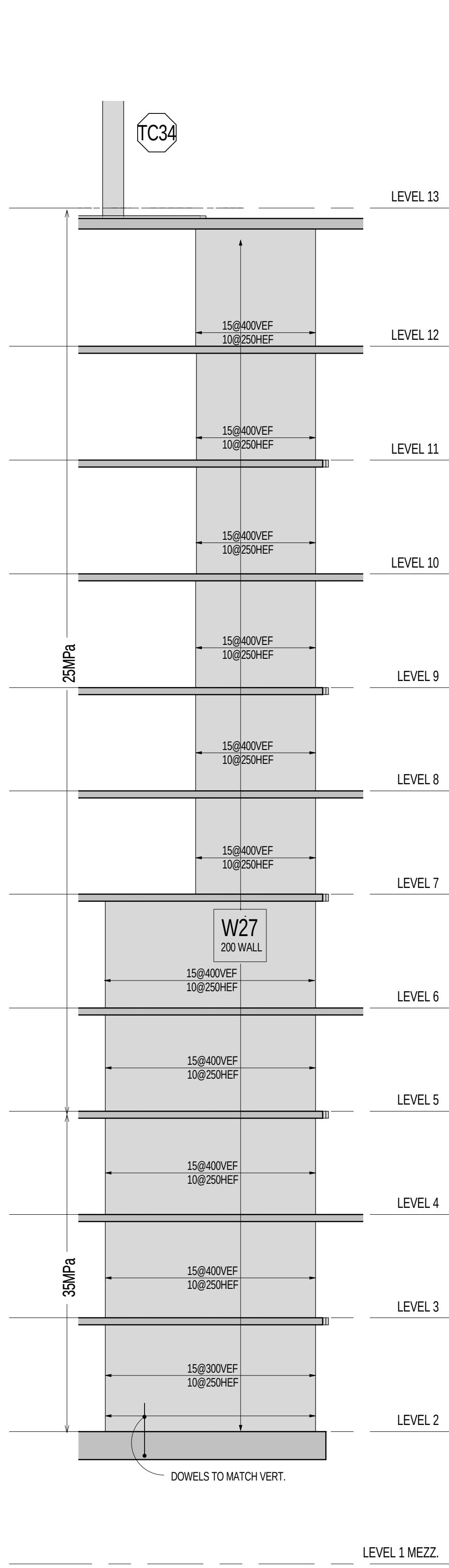
W26 WALL ELEVATION
S3-03 1:100



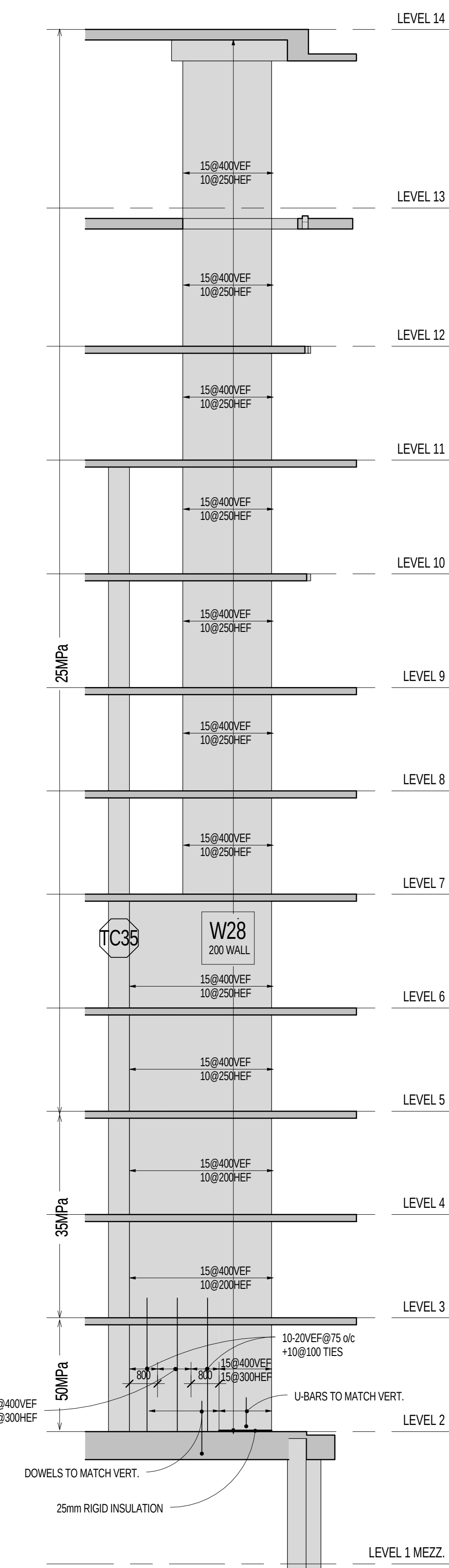
W23	WALL ELEVATION
S3-03	1:100



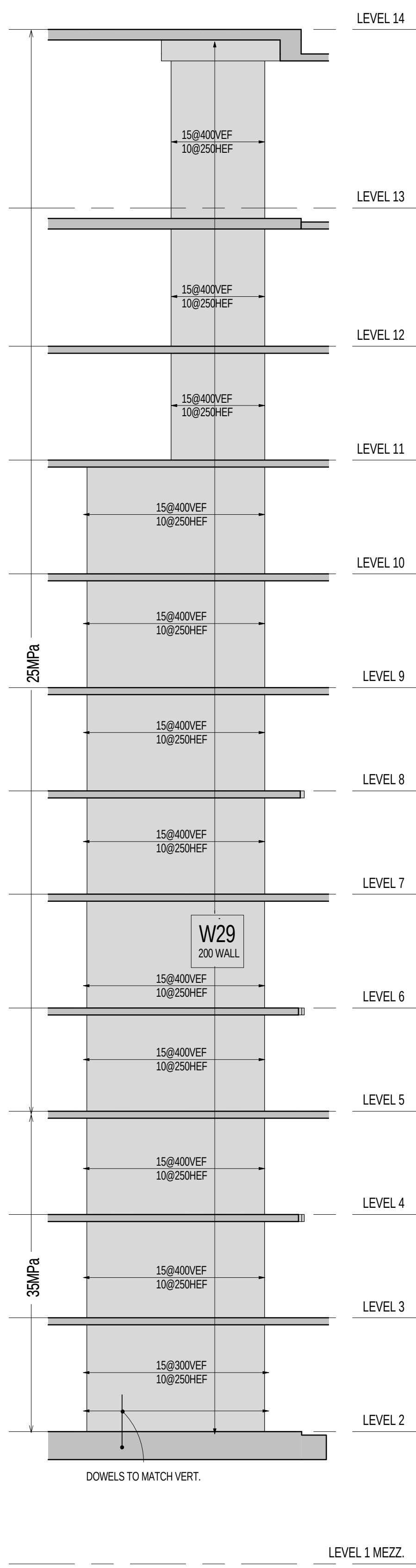
W24 WALL ELEVATION
S3.03 1:100



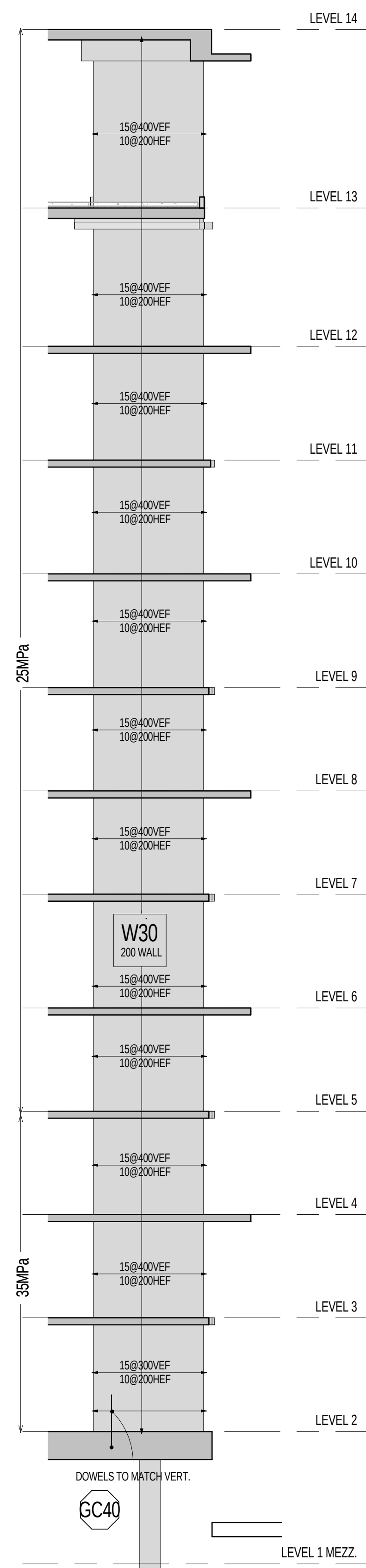
W27 WALL ELEVATION
S3-04 1:100



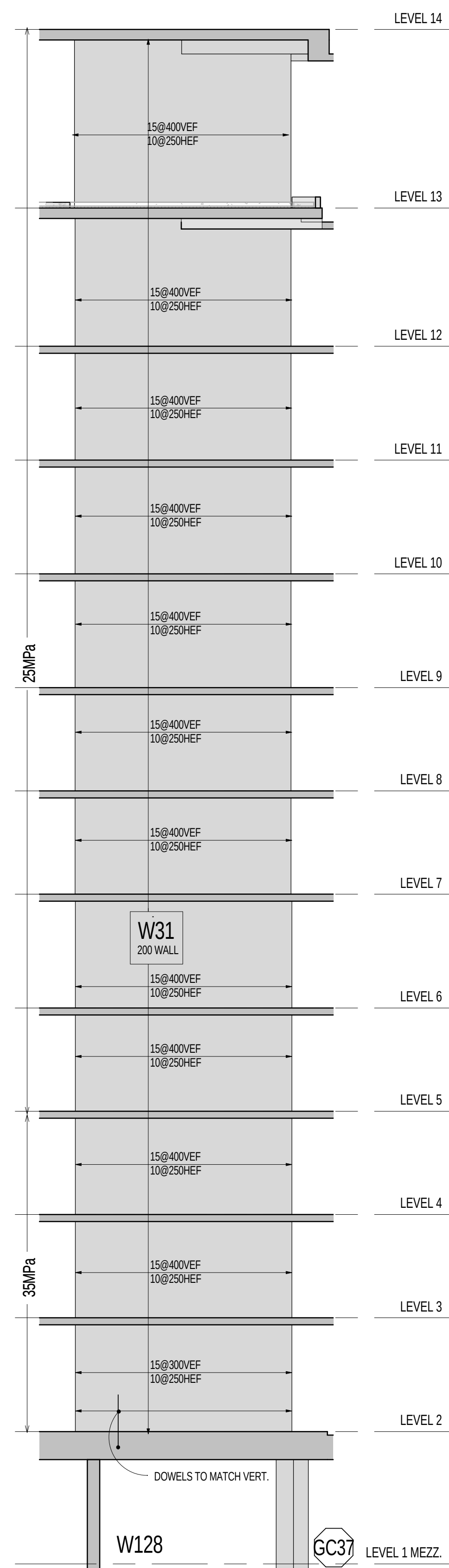
W28 WALL ELEVATION
S3-04 1:100



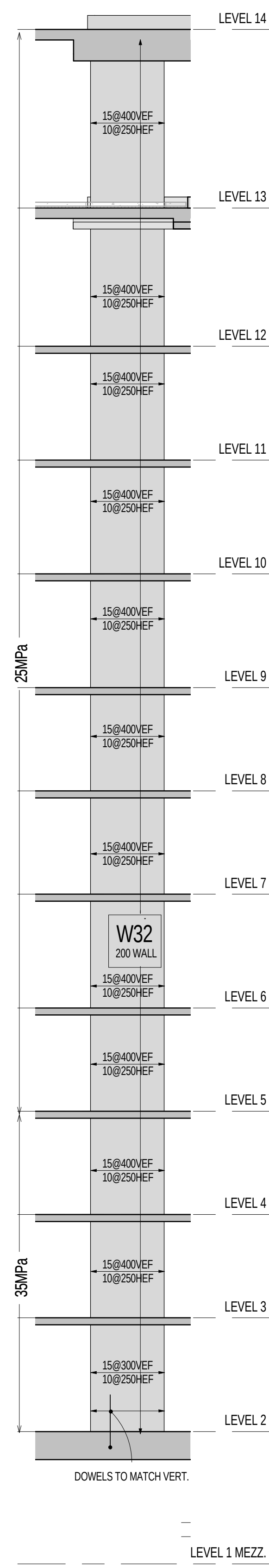
W29 WALL ELEVATION
S3-04 1:100



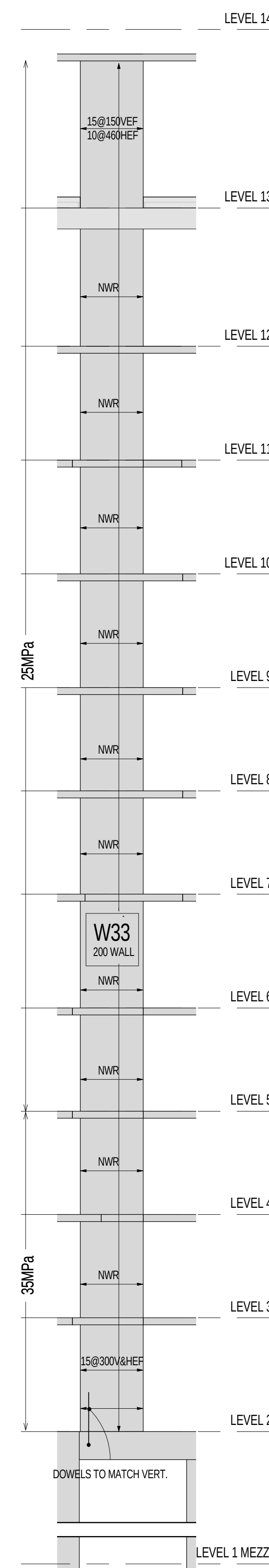
W30 WALL ELEVATION
S3-04 1:100



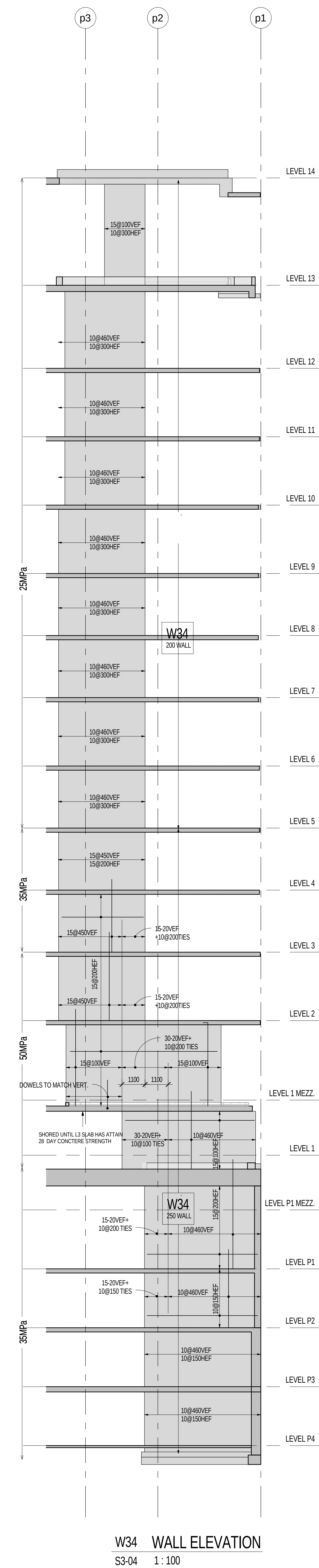
W31 WALL ELEVATION
S3-04 1:100



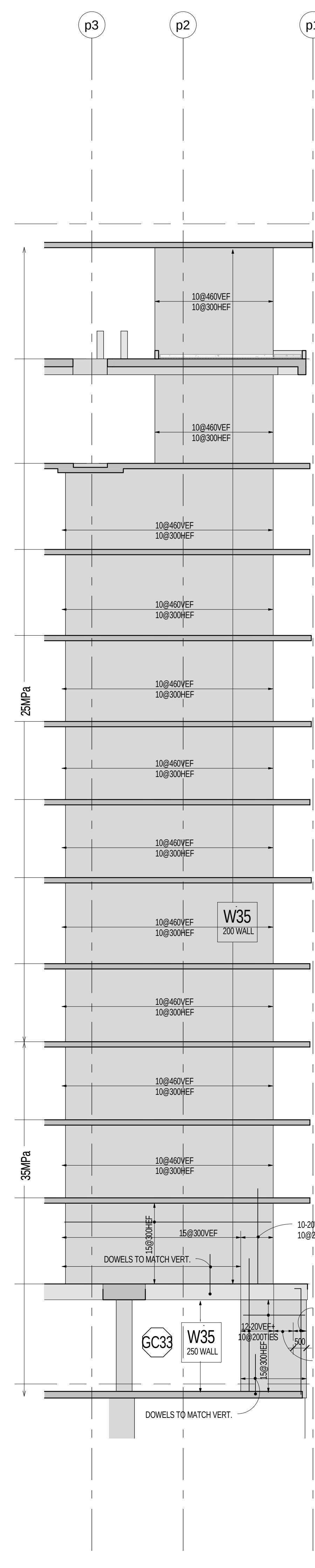
W32 WALL ELEVATION
S3-04 1:100



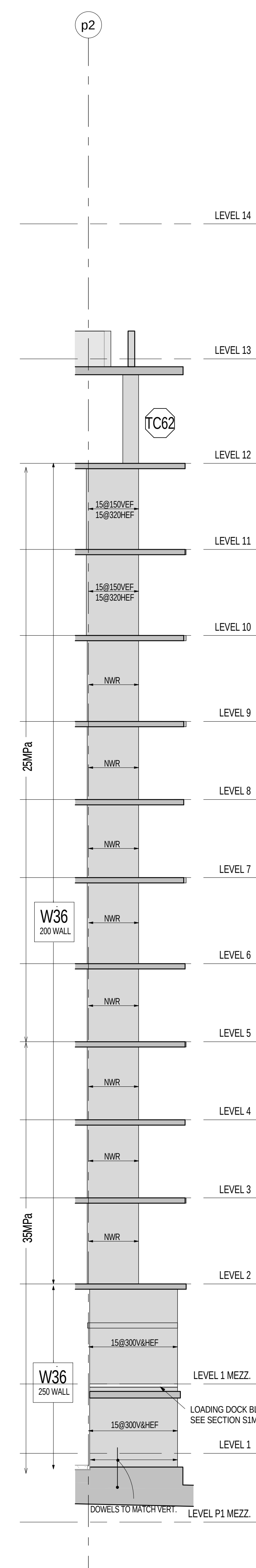
W33 WALL ELEVATION
S3-04 1:100



W34 WALL ELEVATION
S3-04 1:100



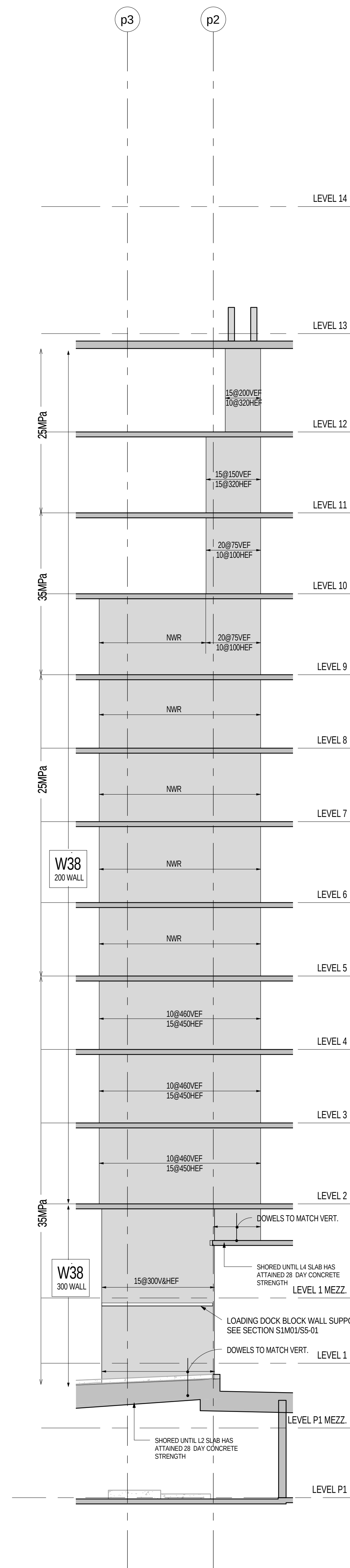
W35 WALL ELEVATION
S3-04 1:100



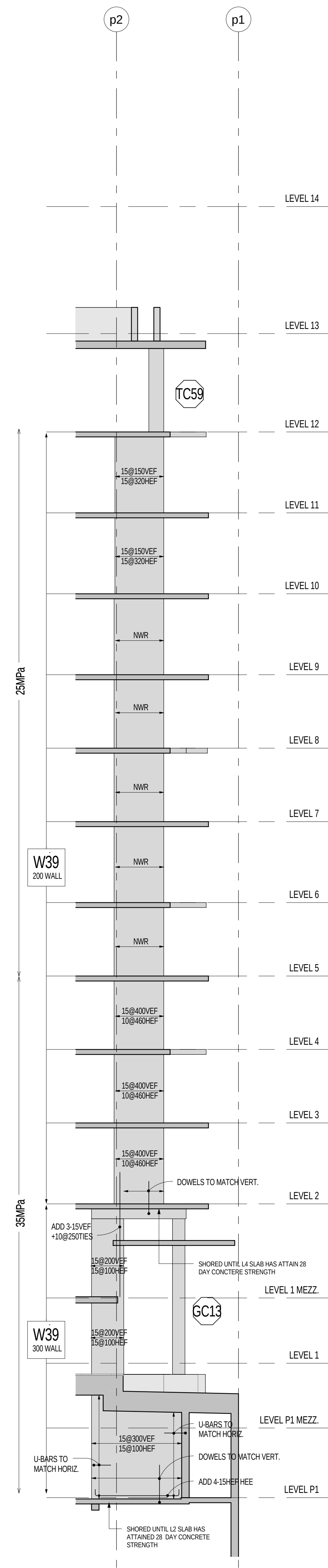
W36 WALL ELEVATION
S3-04 1:100



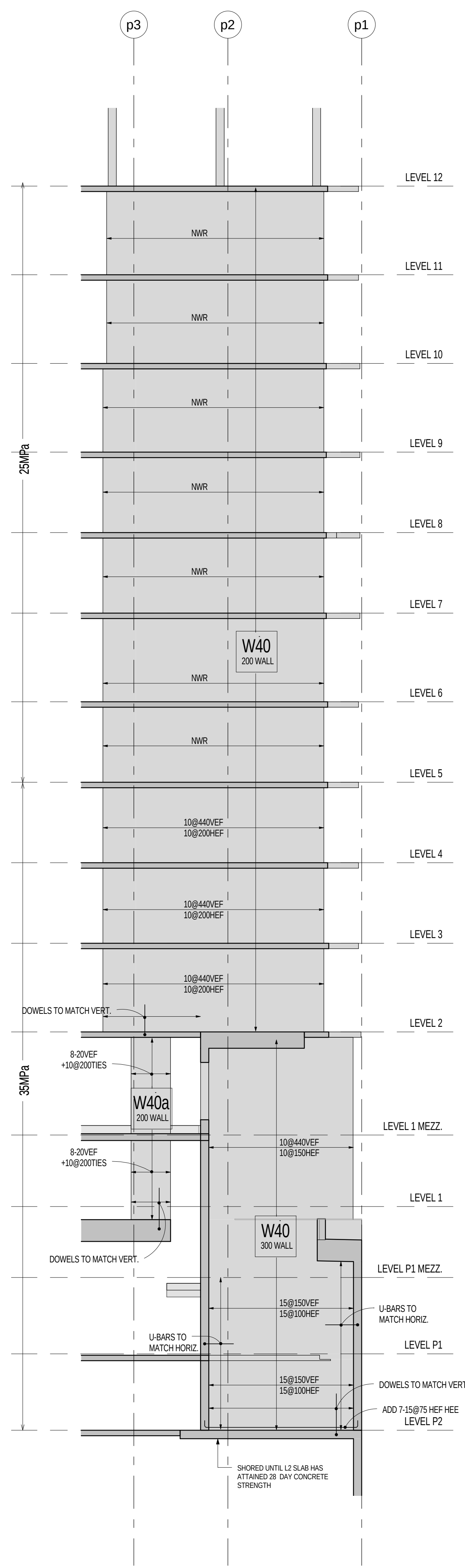
W37 WALL ELEVATION
S3-05 1:100



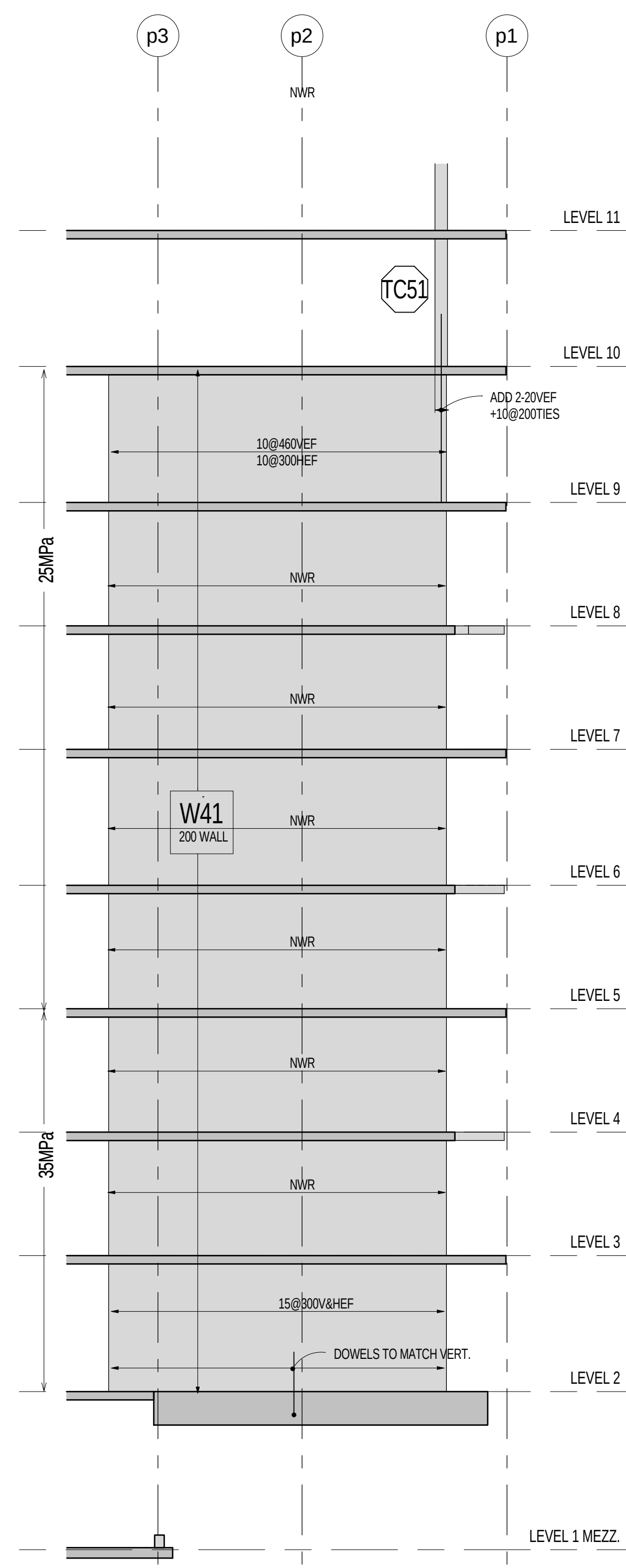
W38 WALL ELEVATION
S3-05 1:100



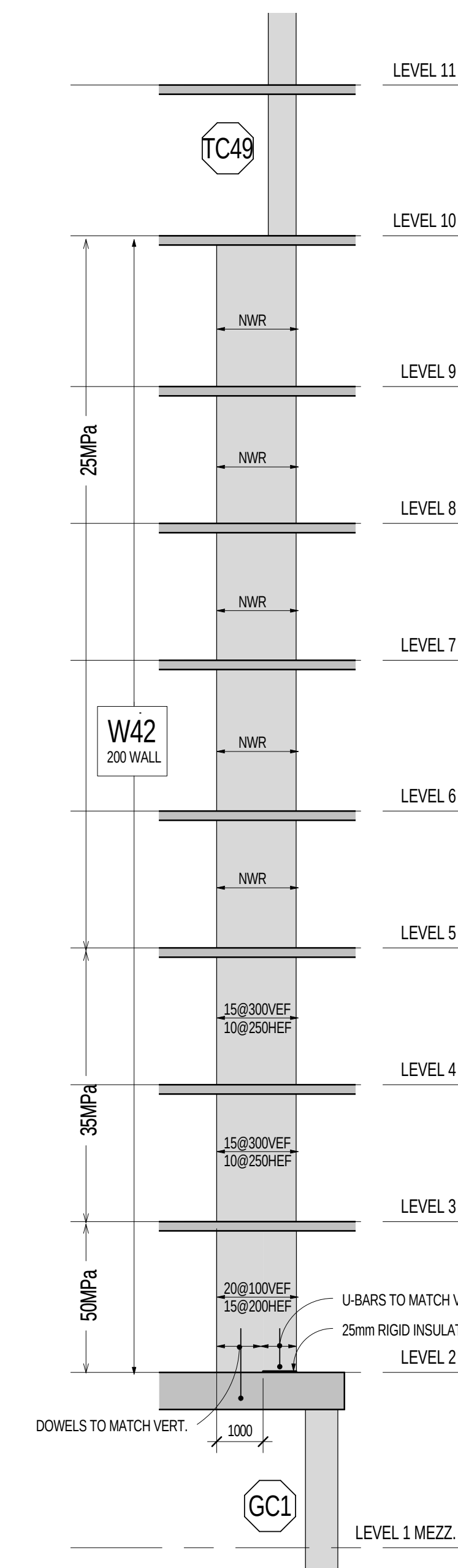
W39 WALL ELEVATION
S3-05 1:100



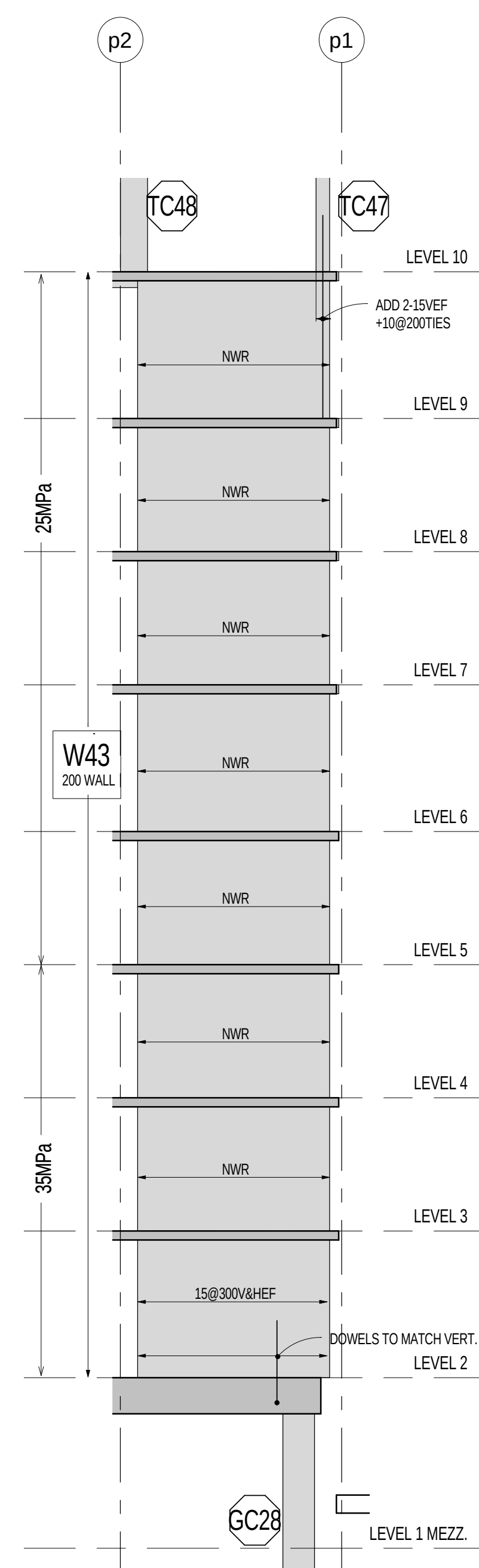
W40 WALL ELEVATION
S3-05 1:100



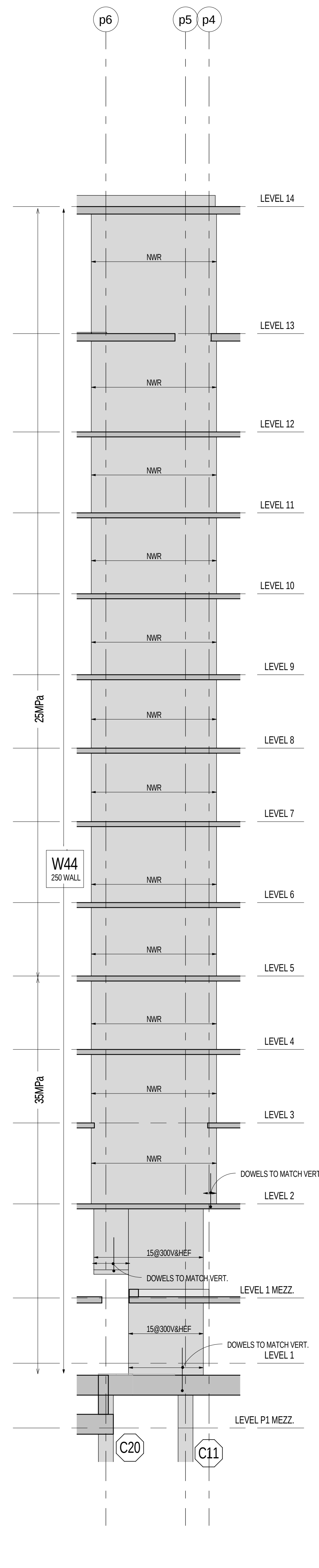
W41 WALL ELEVATION
S3-05 1:100



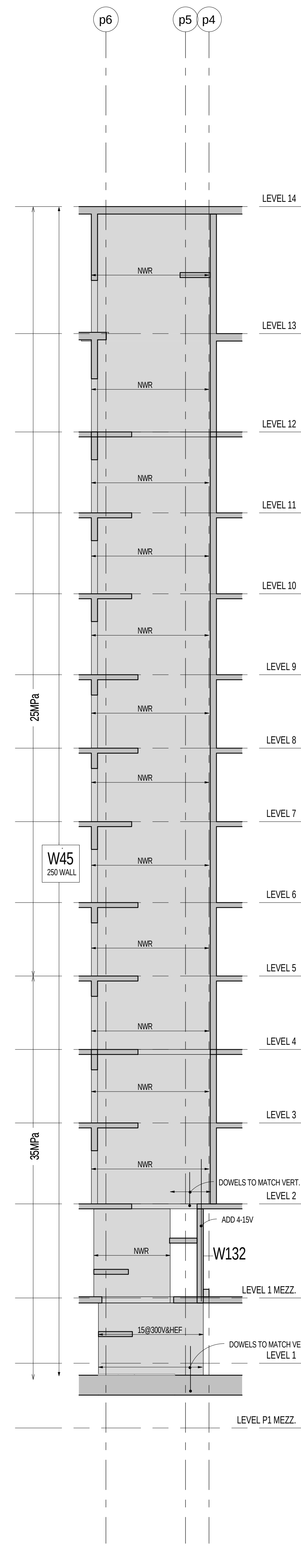
W42 WALL ELEVATION
S3-05 1:100



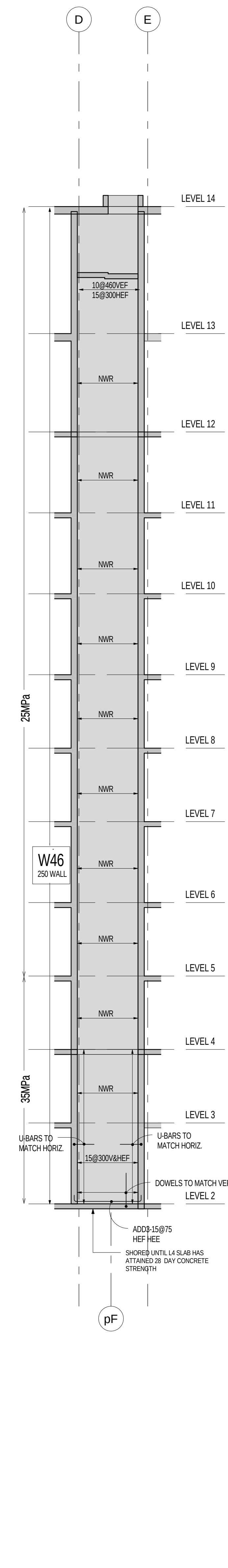
W43 WALL ELEVATION
S3-05 1:100



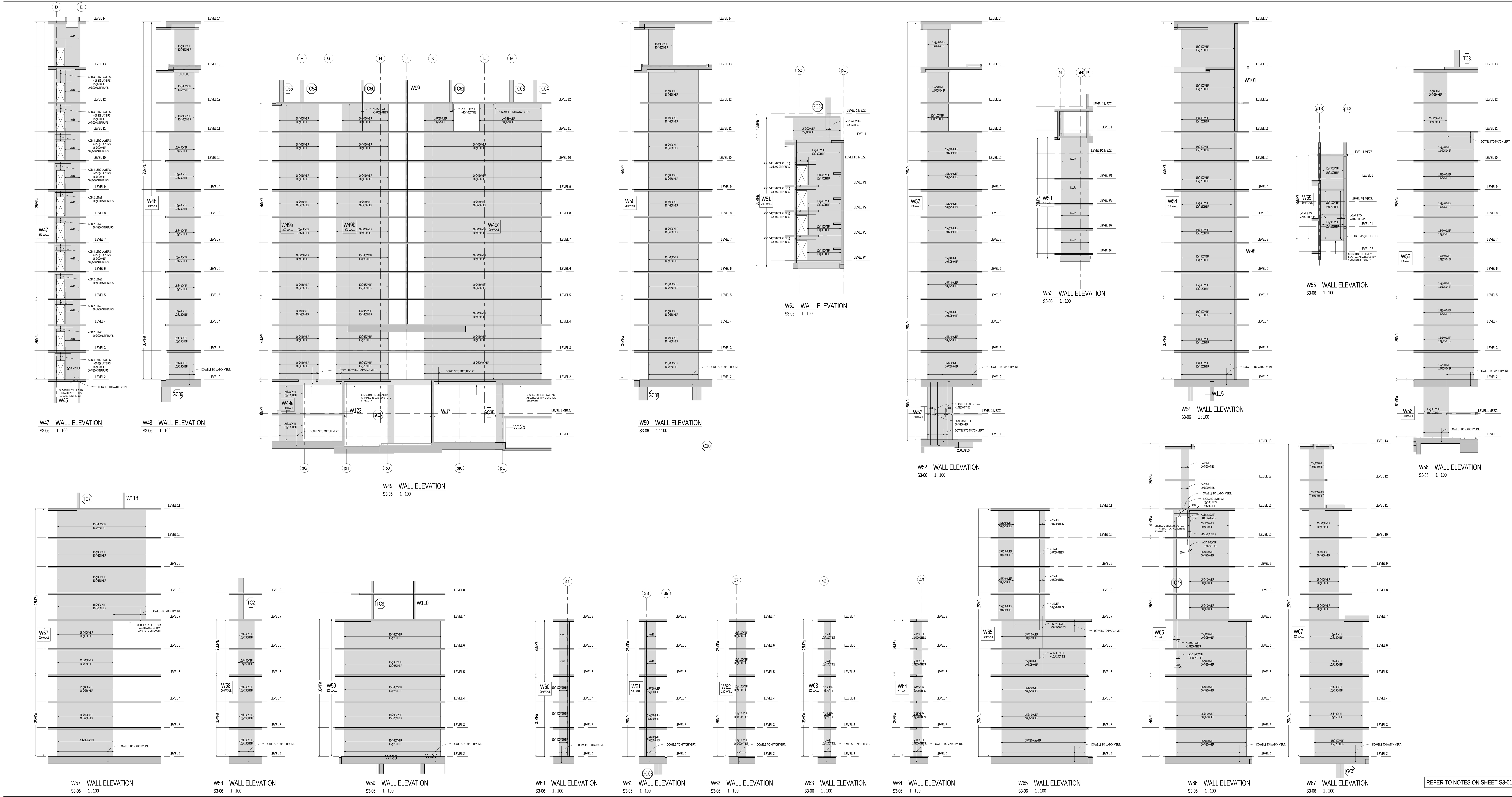
W44 WALL ELEVATION
S3-05 1:100

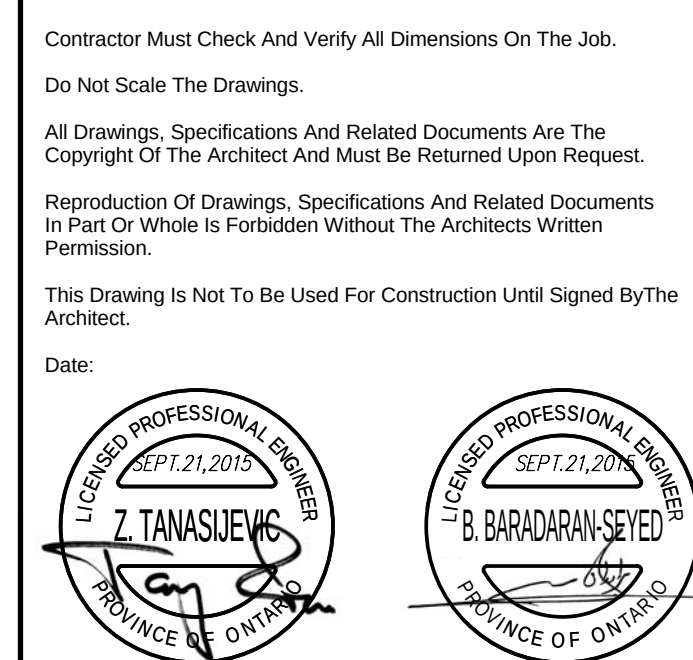


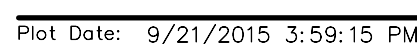
W45 WALL ELEVATION
S3-05 1:100

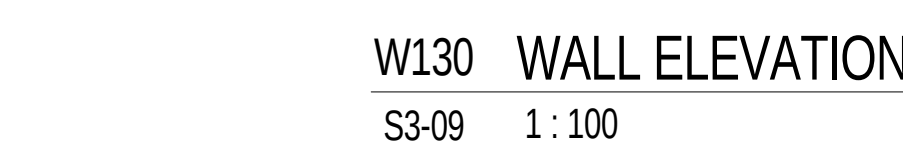
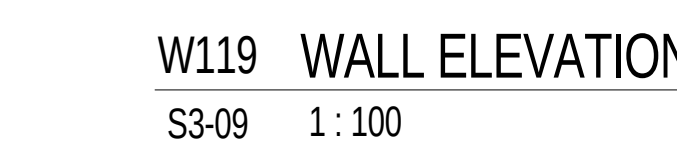
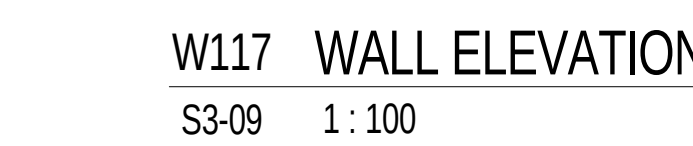
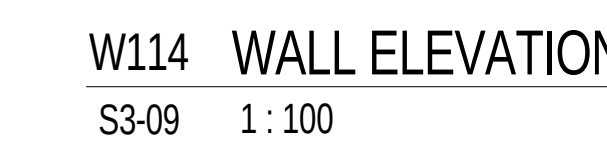


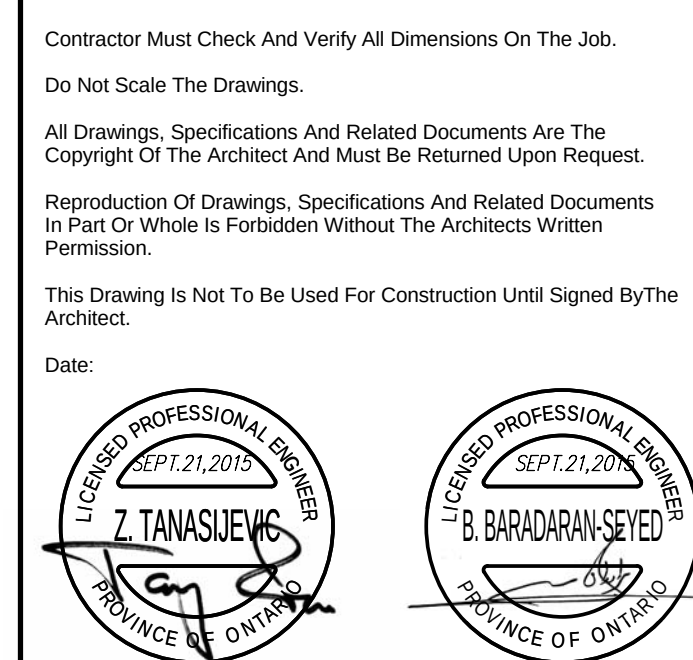
W46 WALL ELEVATION
S3-05 1:100





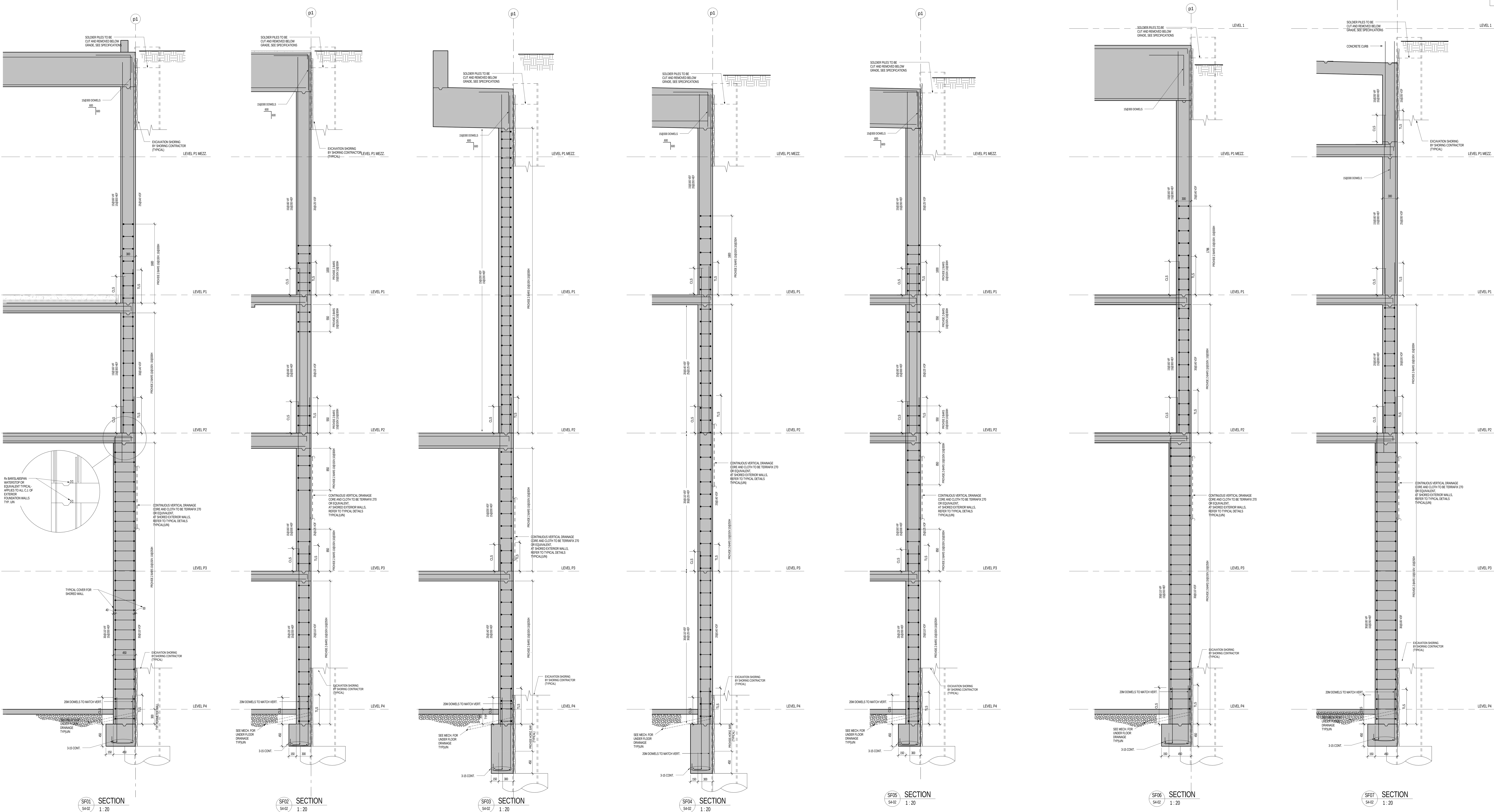








1. REFER TO TYPICAL DETAILS T-C56A AND TC56B FOR TJS (TENSION LAP SPUCE) AND CLS (COMPRESSION LAP SPUCE) LENGTHS.
2. OVERALL LENGTH OF REINFORCEMENT SHOULD ACCOUNT FOR VARIATIONS IN TOP OF FOOTING ELEVATION WHILE STILL MEETING THE MINIMUM LAP SPICES INDICATED. VARIATIONS IN FOOTING ELEVATION DURING CONSTRUCTION WILL REQUIRE MODIFICATION TO REINFORCEMENT TO ACCOMMODATE ACCORDINGLY.



1. REFER TO TYPICAL DETAILS T-C56A AND T-C56B FOR T.L.S (TENSION LAP SPICE) AND C.L.S (COMPRESSION LAP SPICE) LENGTHS.
2. OVERALL LENGTH OF REINFORCEMENT SHOULD ACCOUNT FOR VARIATIONS IN TOP OF FOOTING ELEVATION WHILE STILL MEETING THE MINIMUM LAP SPICES INDICATED. VARIATIONS IN FOOTING ELEVATION DURING CONSTRUCTION WILL REQUIRE MODIFICATION TO REINFORCEMENT TO ACCOMMODATE ACCORDINGLY.

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Do Not Scale The Drawings.
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4	BUILDING PERMIT	SEPT 21, 2015
3	BUILDING PERMIT	JULY 22, 2015
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2015
1	ISSUED FOR REVIEW	MAY 05, 2015
NO	ISSUED FOR	DATE

AQUAVISTA
AT BAYSIDE TORONTO

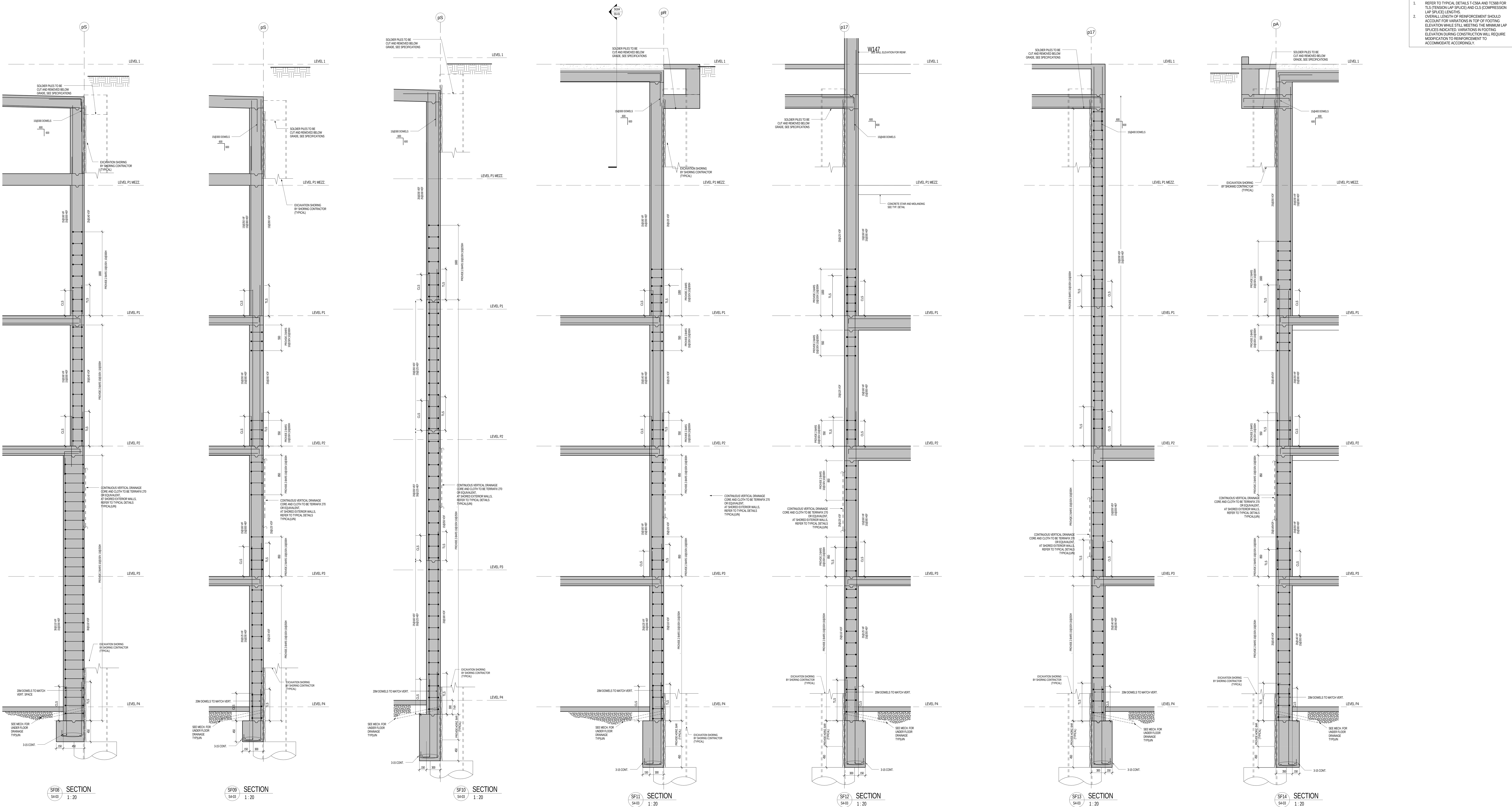
Drawing Title:
FOUNDATION SECTIONS

Project:
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated
DC
IA/BBS
20140031
SEPT 21, 2015
Drawing No:

Drawn by:
Checked by:
Project No:
Date:
Drawing No:

S4-02



1. REFER TO TYPICAL DETAILS T-CS6A AND TC56B FOR TLS (TENSION LAP-SPLICE) AND CLS (COMPRESSION LAP-SPLICE) LENGTHS.
2. OVERALL LENGTH OF REINFORCEMENT SHOULD ACCOUNT FOR VARIATIONS IN TOP OF FOOTING ELEVATION WHILE STILL MEETING THE MINIMUM LAP SPLICES INDICATED. VARIATIONS IN FOOTING ELEVATION DURING CONSTRUCTION WILL REQUIRE MODIFICATION TO REINFORCEMENT TO ACCOMMODATE ACCORDINGLY.

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AQUAVISTA
AT BAYSIDE TORONTO

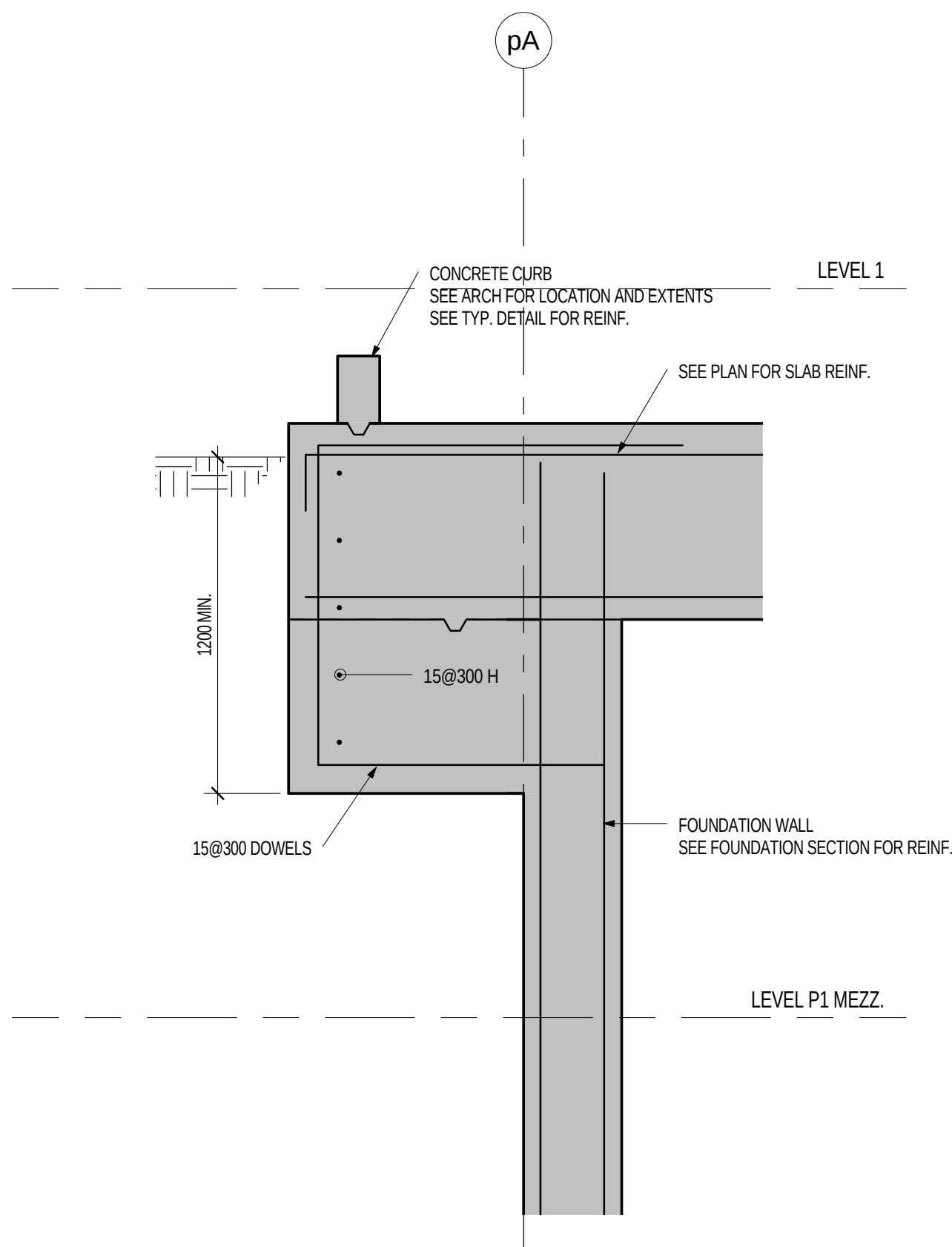
Drawing Title
FOUNDATION SECTIONS

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

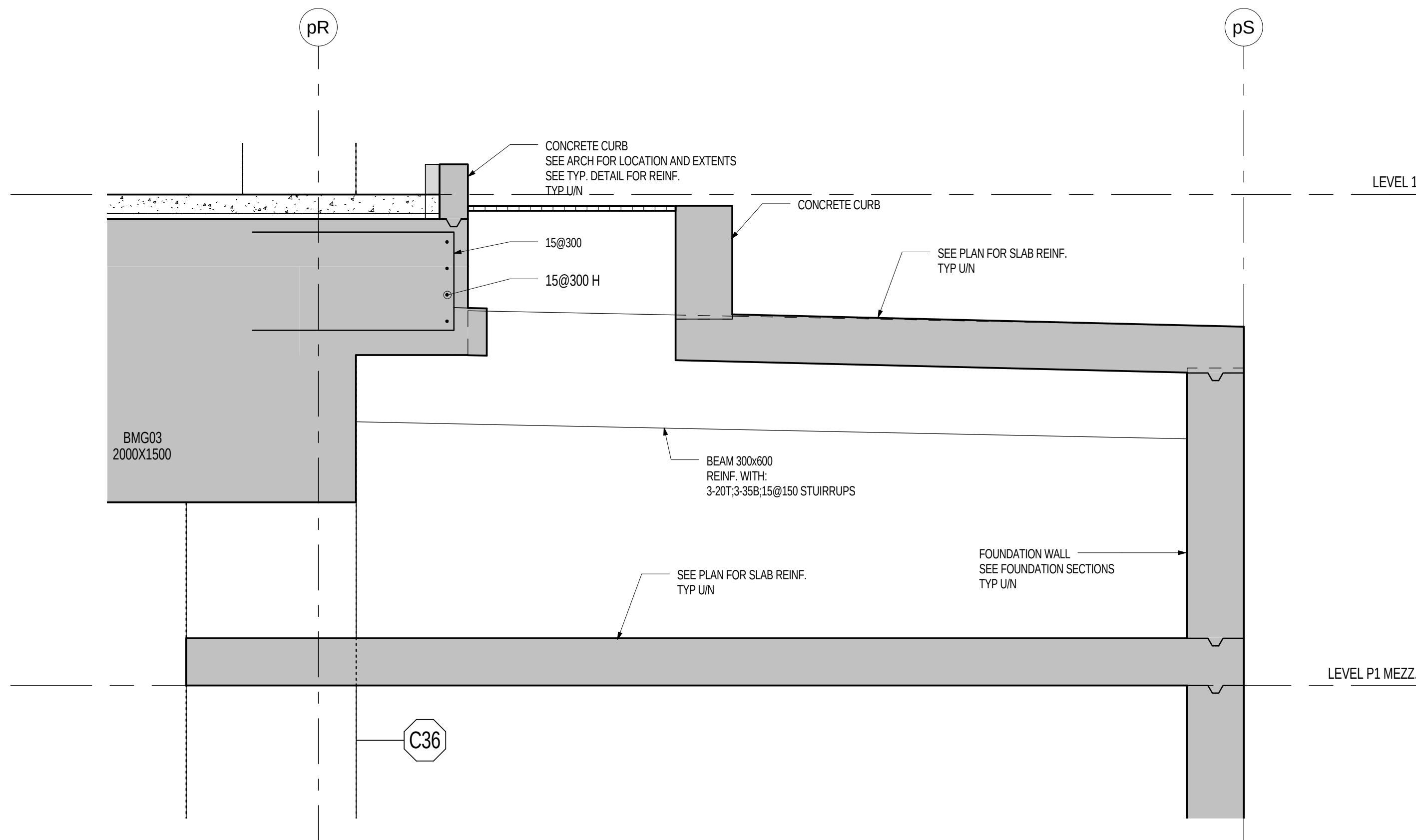
As indicated
DC
IA/BBS
20140031
SEPT 21, 2015
Drawing No.

Drawn by
Checked by
Project No.
Date
Drawing No.

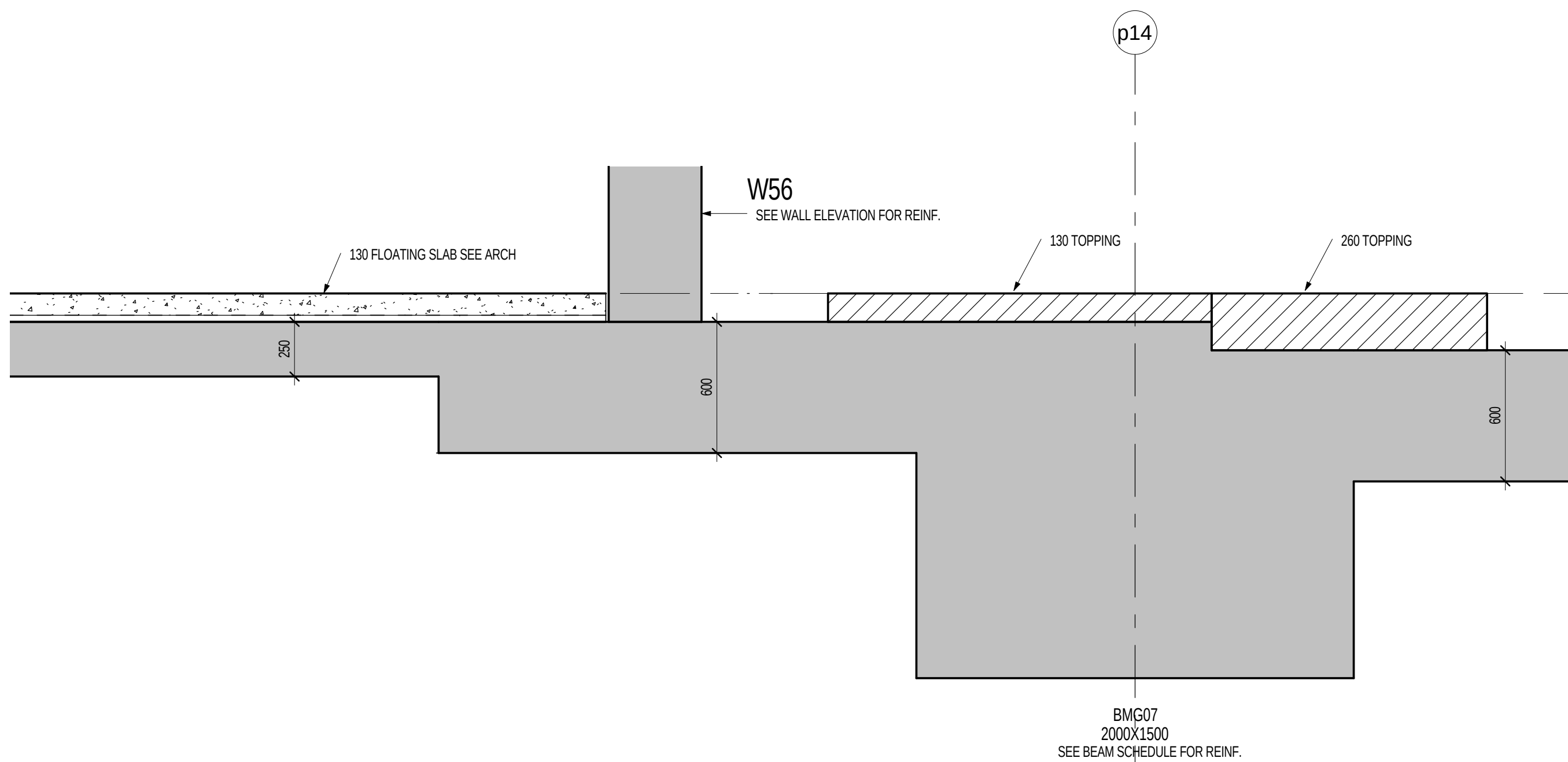
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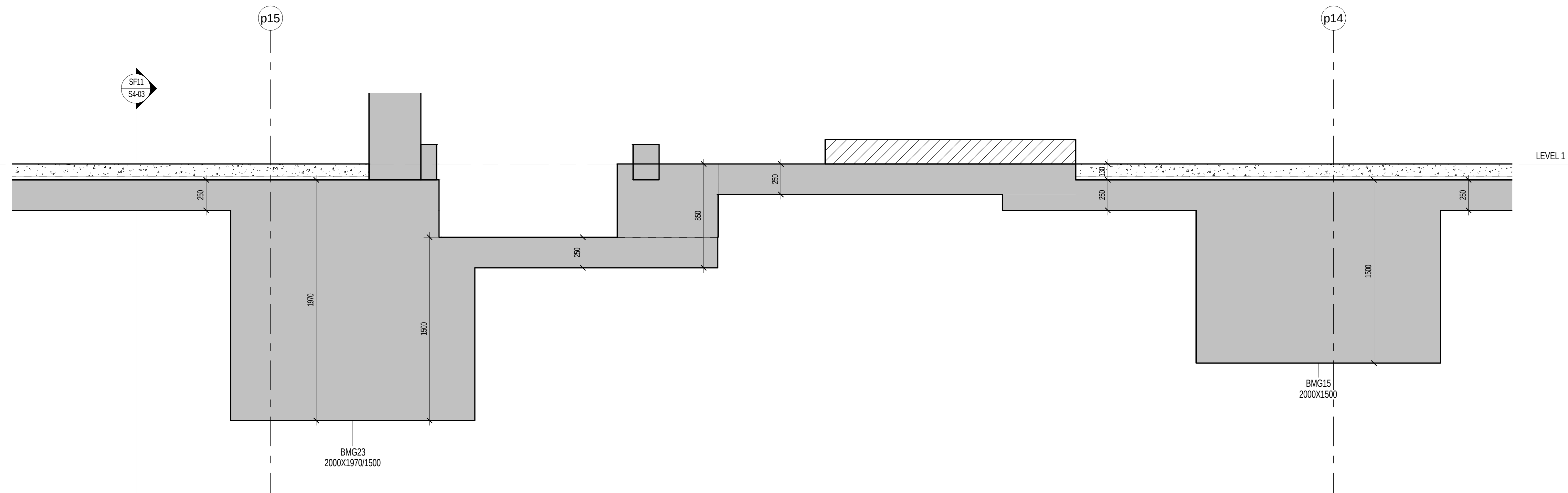
SECTION
SG01
SS-01 1:20



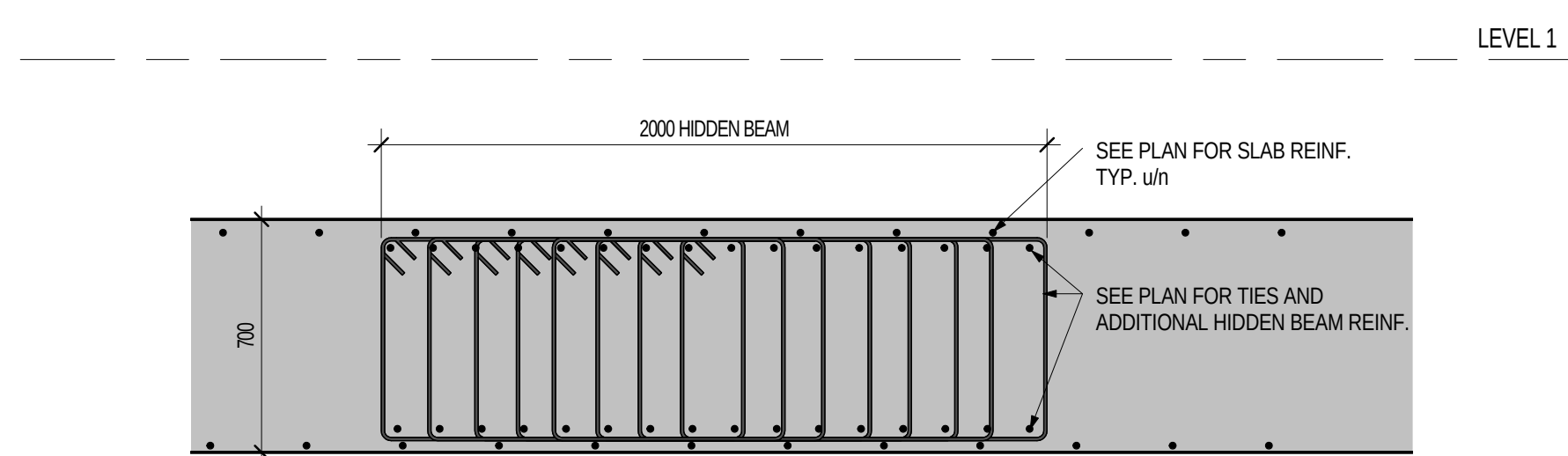
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SS-01 1:20



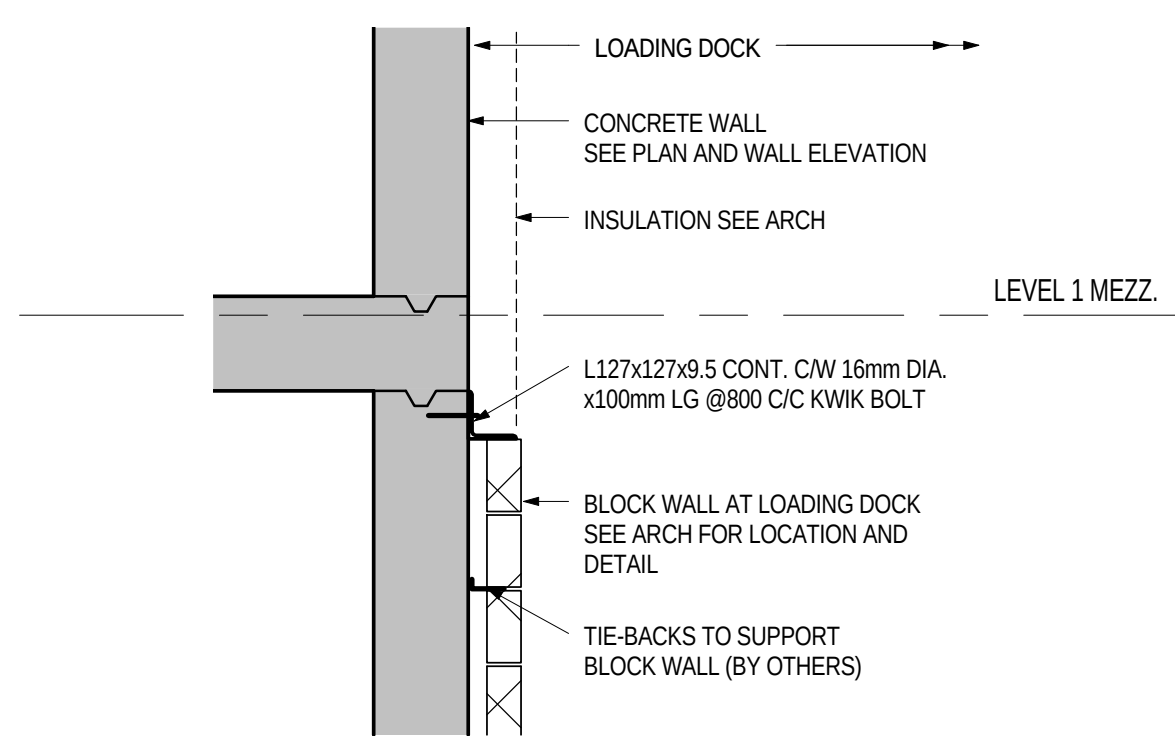
SECTION
SG03
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SECTION
SG04
SS-01 1:20



SECTION
SG05
SS-01 1:20



SECTION
SIM01
SS-01 1:20

