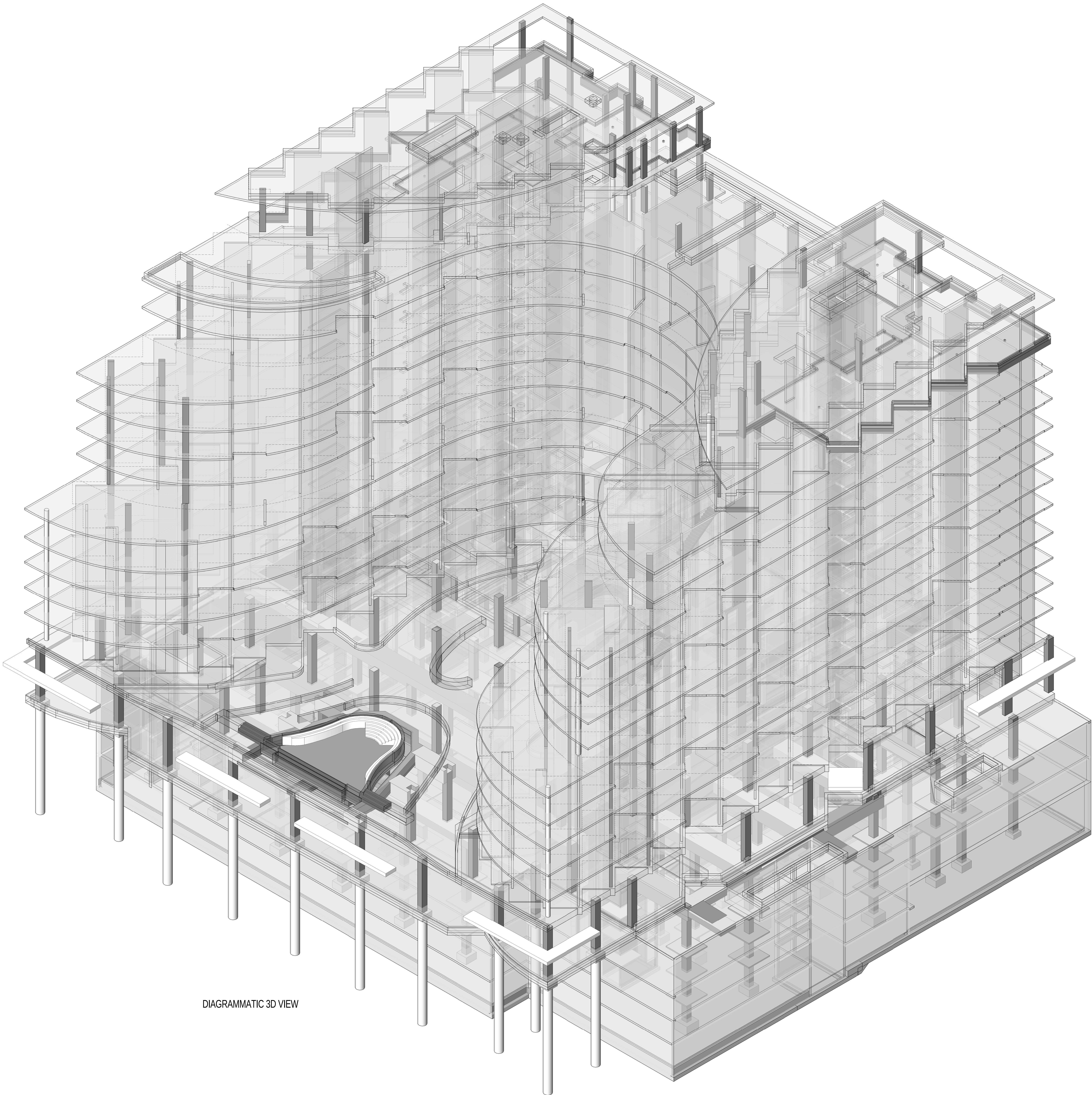




DIAGRAMMATIC 3D VIEW

DRAWING LIST	
Sheet Number	Sheet Name
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
S1-11	LEVEL 4 FLOOR FRAMING PLAN
S1-12	LEVEL 5 FLOOR FRAMING PLAN
S1-13	LEVEL 6 FLOOR FRAMING PLAN
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
S1-18	LEVEL 11 FLOOR FRAMING PLAN
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
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
S3-08	WALL ELEVATIONS
S3-09	WALL ELEVATIONS
S3-10	WALL ELEVATIONS
S4 SERIES - FOUNDATION ELEVATION AND SECTIONS	
S4-01	FOUNDATION ELEVATIONS
S4-02	FOUNDATION SECTIONS
S4-03	FOUNDATION SECTIONS
S4-04	FOUNDATION SECTIONS
S8 SERIES - TYPICAL NOTES & DETAILS	
S8-01	GENERAL NOTES & TYPICAL DETAILS
S8-02	TYPICAL DETAILS

1 GENERAL
1.1 THE PROJECT HAS BEEN

- STRUCTURAL IRREGULARITIES CONSIDERED IN THE DESIGN PER CLAUSE 4.1.8.6. CONSIST OF:
TYPES 1, 2, 3, 4, 5
METHOD OF ANALYSIS - DYNAMIC
3. FOUNDATION WALLS
3.1. WALLS RETAINING EARTH ARE DESIGNED TO SAFELY WITHSTAND HORIZONTAL EARTH AND HYDROSTATIC PRESSURE
 $P = K (Y_1 + Y_2 + q) + Y_2 H_2$

FOOTING SCHEDULE				
FOOTING NUMBER	FOOTING NUMBER AND SIZE	FOOTING REINF. LG. (HOOKED EE)	FOOTING REINF. TR. (HOOKED EE)	LOAD ULS KN
F1	1000x1100x600 DP.	10-20B	11-20B	4400
F2	1300x1400x800 DP.	13-20B	14-20B	7300
F3	1600x1700x1100 DP.	12-25B	13-25B	1000
F4	1800x2000x1300 DP.	18-25B	20-25B	14400

FOUNDATION PLAN NOTES

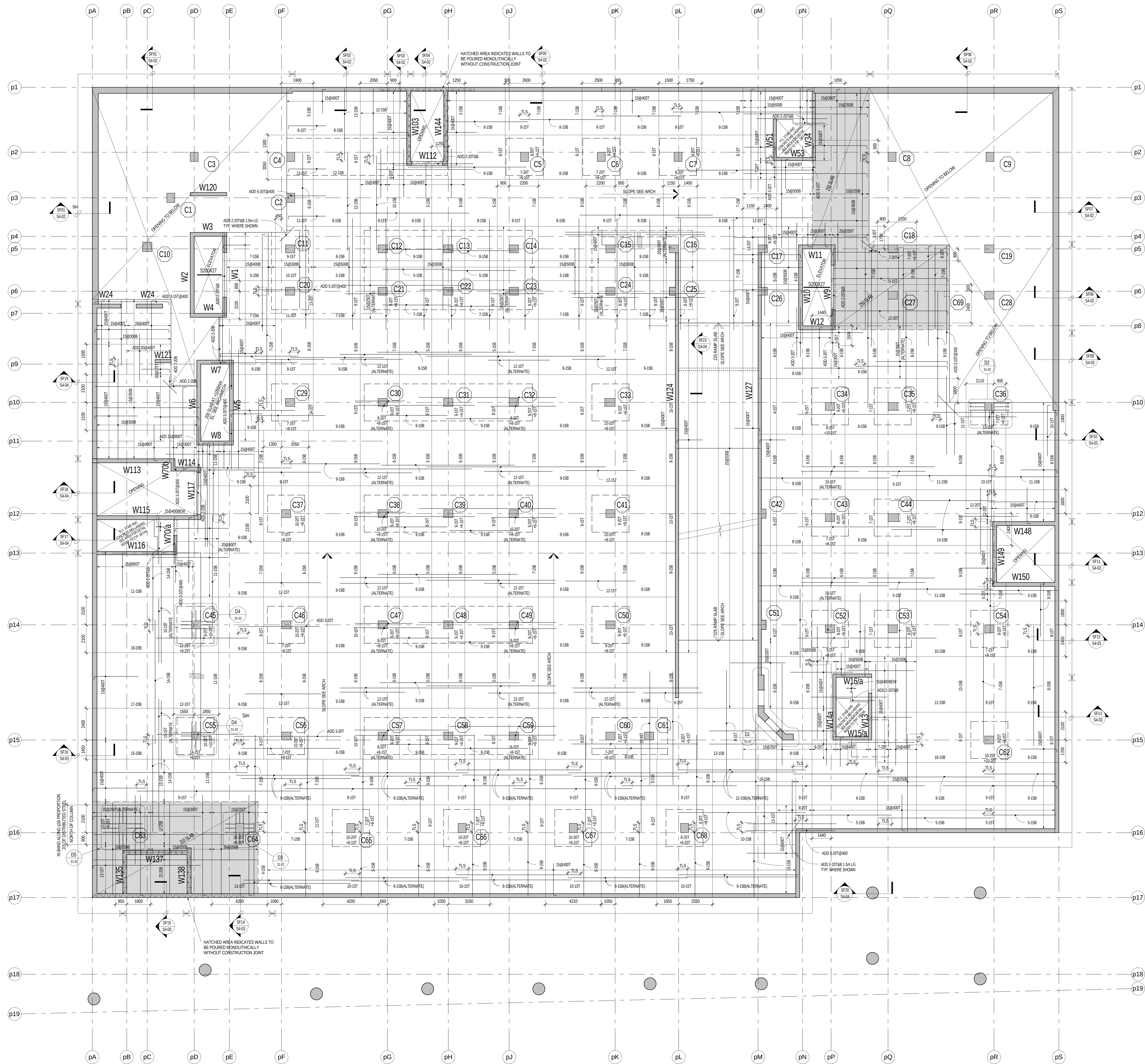
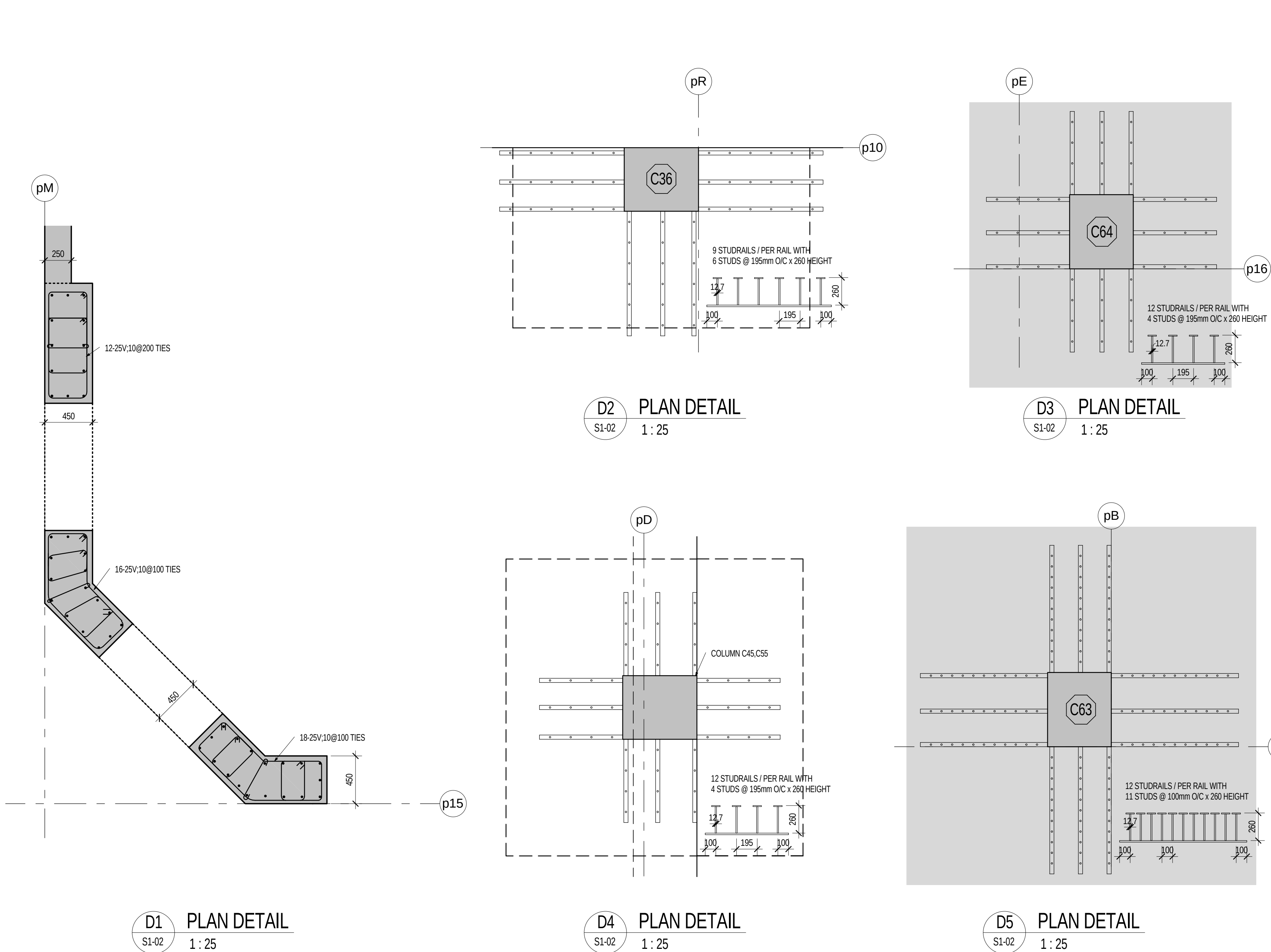
- SITE PREPARATION NOTES FOR SLAB-ON-GRAD
(WITHIN BUILDING ENVELOPE)

- [illegible]

.....

- | | |
|---|--|
|  | WALLS AND COLUMN SHADED AS THUS INDICATE WALL AND COLUMN BELOW SLAB |
|  | WALLS AND COLUMN SHADED AS THUS INDICATE WALL AND COLUMN ABOVE SLAB |
|  | <ul style="list-style-type: none"> INDICATES COLUMN NUMBER OF BELOW SLAB. REFER TO COLUMN SCHEDULE. |
|  | <ul style="list-style-type: none"> INDICATES COLUMN NUMBER OF ABOVE SLAB. REFER TO COLUMN SCHEDULE. |





LEVEL P3 FRAMING PLAN

1:100

- TOP OF STRUCTURAL SLAB TO BE 0.9 mm BELOW FINISHED PARKING LEVEL DATUM ELEVATION (6.60m) AT CENTRAL 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 (SL) IN ADDITION TO THE SLAB WEIGHT.
- | | LL | SL |
|-----------------------------|---------|---------|
| PARKING AND BIKE STORAGE | 2.4 kPa | 0.5 kPa |
| STAIRS AND ELEVATOR LOBBIES | 2.4 kPa | 0.5 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 S1:02.
 - CONCRETE COVER FOR TOP BARS IN SLABS TO BE 40 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 30 mm.
 - APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 30 DAYS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
 - SEE TYPICAL DETAIL FOR LATEL IN NON-LOAD 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.
 - AT CUSKS THROUGHOUT THE SLAB, HOOK BARS AT OPENING AND ADD BARS OF SAME SIZE ON EACH SIDE OF THE OPENING, EQUAL TO 1/2 THE NUMBER OF BARS HOOKED.
 - PROVIDE 20mm CHAIRS ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
 - AREAS NOTED THUS: ON PLAN, INDICATE THICKENED SLAB. SEE PLAN FOR THICKNESS.
 - THICKENED SLAB TO BE SUPPORTED BY REINFORCED CONCRETE SLAB/CONCRETE STRENGTH.
 - SHOWING SHOULD NOT BE SUPPORTED ON BALKING SLAB.
 - PROVIDE 60 AT A JOINT OF 20mm CHAIRS IN THE FRAMED RAMP SLAB AND ALL TURNING AREAS.
 - SLAB SPLIT 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.

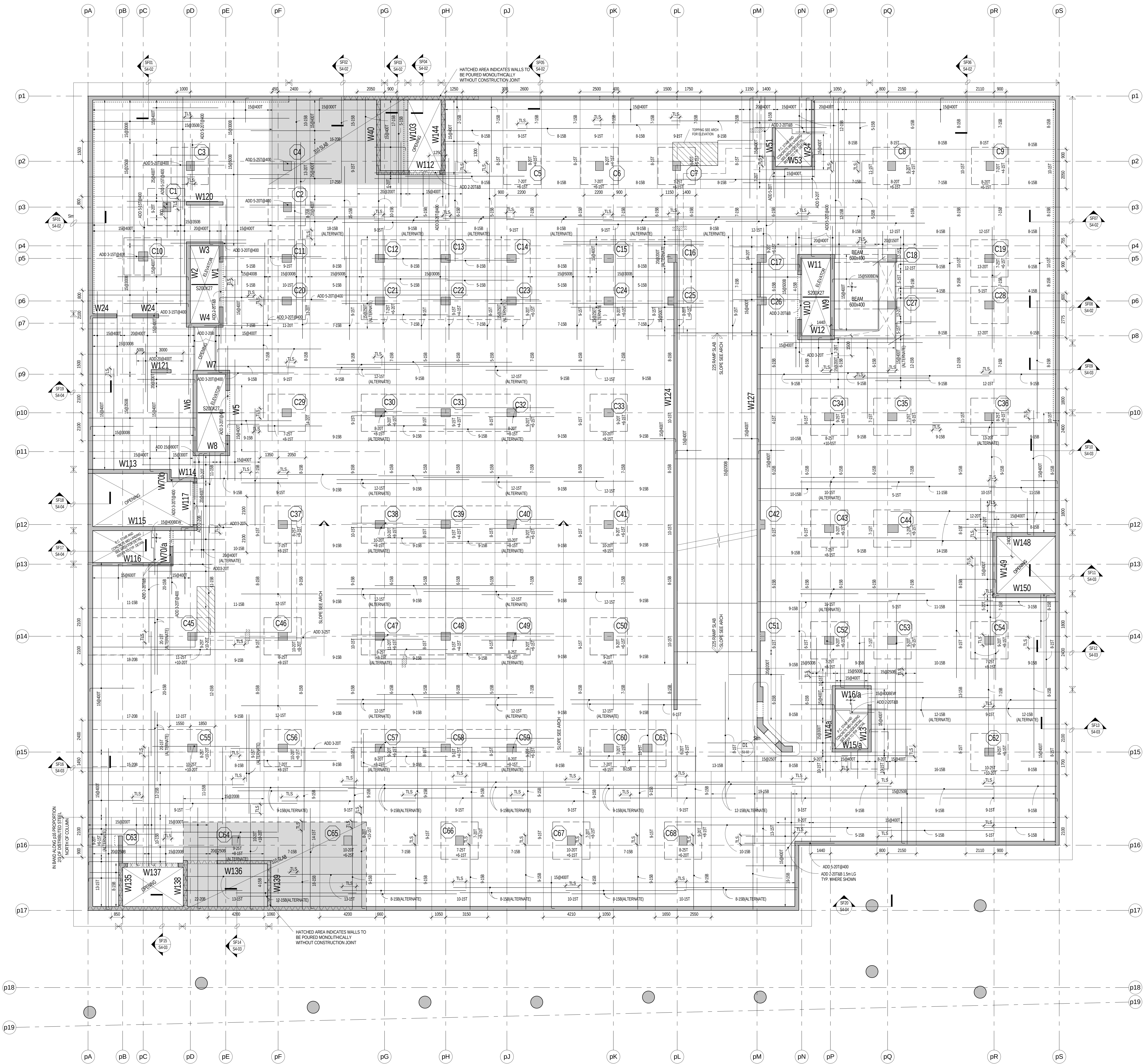
REINFORCEMENT PLACEMENT DIAGRAM

SLAB	250 MM W/H
INTERITY BARS	3.2M B/W
TEMP. STEEL	150000
CONCRETE STRENGTH	35 MPa CLASS C1

SLAB	225 RAMP SLAB
INTERITY BARS	3.2M B/W
TEMP. STEEL	150000
CONCRETE STRENGTH	35 MPa CLASS C1

SLAB	250 MM W/H
INTERITY BARS	3.2M B/W
TEMP. STEEL	150000
CONCRETE STRENGTH	35 MPa CLASS C1

SLAB	300 MM W/H
INTERITY BARS	3.2M B/W
TEMP. STEEL	150000
CONCRETE STRENGTH	35 MPa CLASS C1



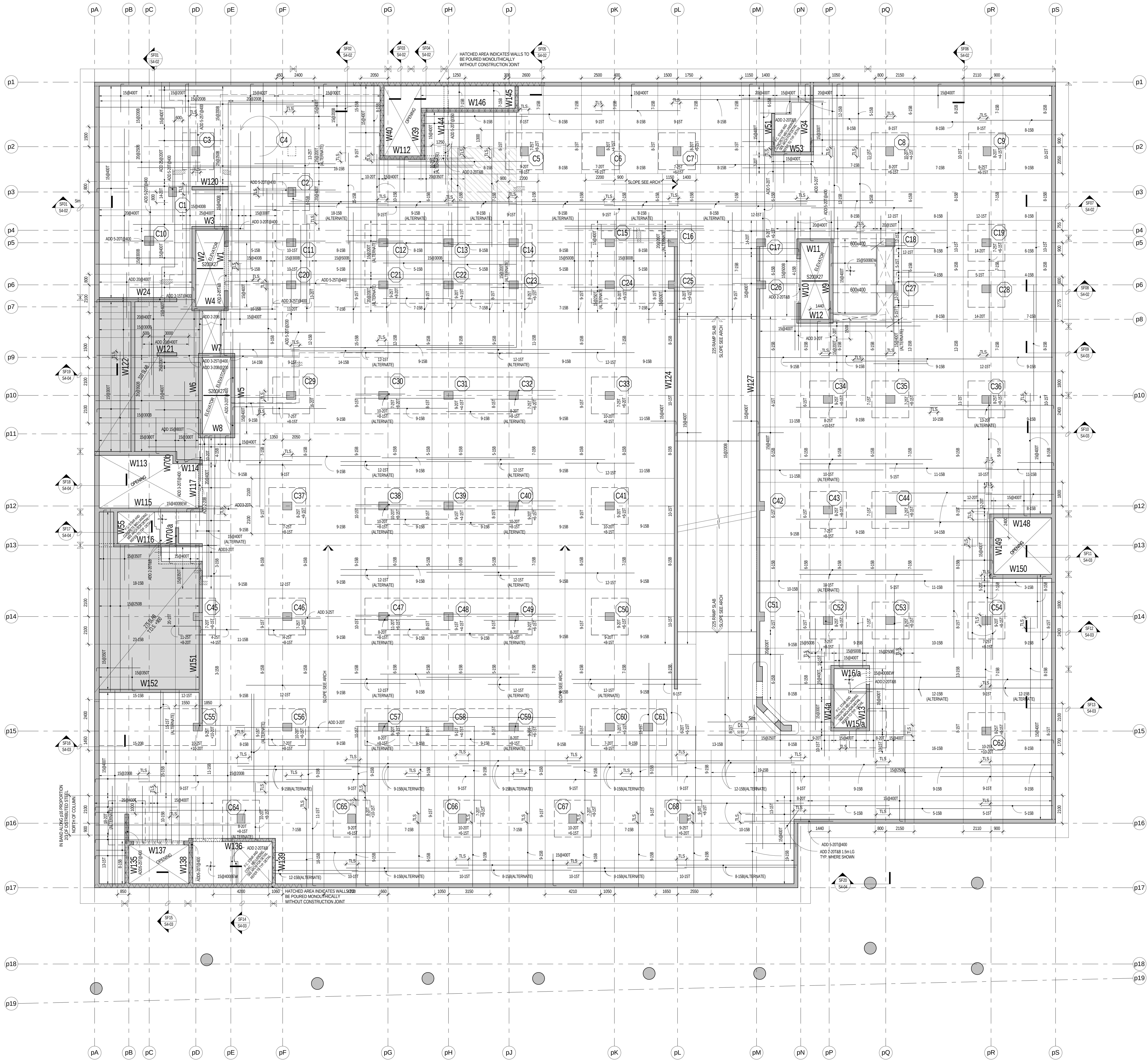
LEVEL P2 FRAMING PLAN
1:100

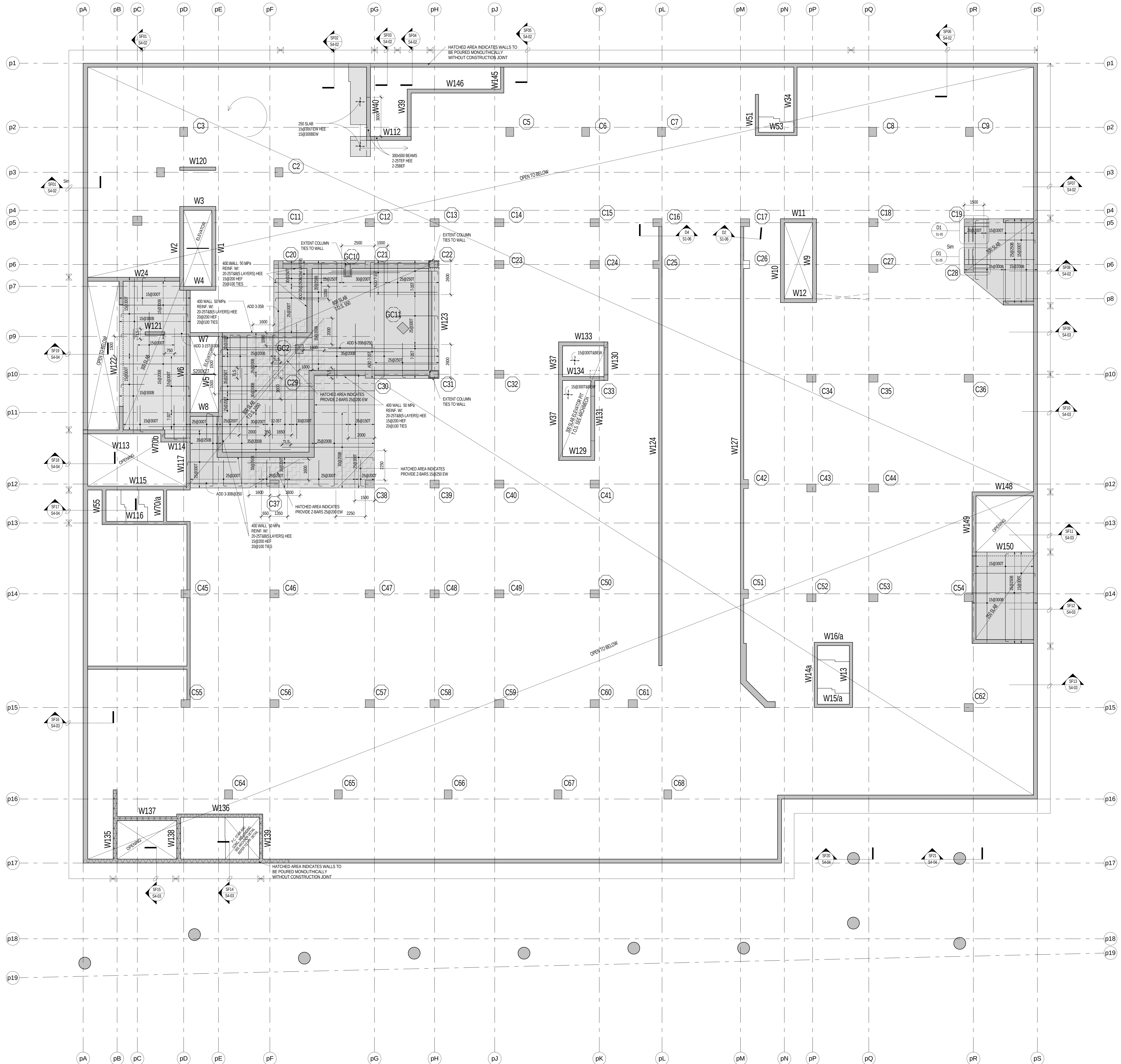
- TOP OF STRUCTURAL SLAB VARIES FROM FINISHED PARKING LEVEL DATUM ELEVATION 69.40m AT ELEVATOR CORE TOP OF SLAB ELEVATION VARIES AND IS TO BE SLOPED TO GUT DRAINAGE AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (DL) IN ADDITION TO THE SELF WEIGHT:

	LL	DL
PARKING	2.4 kPa	0.5 kPa
STAIRS AND LOCKERS	2.2 kPa	0.5 kPa
STAIRS AND ELEVATOR LOBBIES	4.0 kPa	0.5 kPa
MECHANICAL AND ELECTRICAL	3.6 kPa	0.5 kPa
JEANETTE	4.0 kPa	0.5 kPa
WATER TANK	10.0 kPa	1.5 kPa
WATER TANK, SPILL 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 IN SLABS TO BE 40 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 30 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 PRESERVATION.
- SEE TYPICAL DETAIL FOR LINTELS IN NON-LOAD BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CLIMATES, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- AT SLABES THROUGH THE SLAB HOOK BARS AT OPENING AND ADO BARS OF SAME SIZE ON EACH SIDE OF THE OPENING, EQUAL TO 1/2 THE NUMBER OF BARS HOOKED.
- PROVIDE CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- AREAS NOTED THAT ON PLAN INDICATE THICKENED SLAB. SEE PLAN FOR THICKNESS.
- TRANSFER SLABS TO BE SHORED UNTIL REACH SPECIFIED 28 DAYS CONCRETE STRENGTH. SHORING SHOULD NOT BE SUPPORTED ON BUILDING SLABS.
- PROVIDE DCA AT A DOSAGE OF 50 LITRE CONCRETE IN THE FRAMED RAMP SLAB AND ALL TURNING AREAS.
- SLAB THICK TO FOLLOW TOP OF SLAB SLOPES TO MAINTAIN SLAB THICKNESS AS NOTED.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL.

↑	T1 = TOP UPPER LAYER
↑	T2 = TOP LOWER LAYER
↑	T3 = BOTTOM UPPER LAYER
↑	T4 = BOTTOM LOWER LAYER

REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	200 MM x 100
INTERESTY BARS	3/8" BARS
TEMP. STEEL	150/200
CONCRETE STRENGTH	35 MPa CLASS C
SLAB	200 MM x 100
INTERESTY BARS	3/8" BARS
TEMP. STEEL	150/200
CONCRETE STRENGTH	35 MPa CLASS C
SLAB	300 MM x 100
INTERESTY BARS	3/8" BARS
TEMP. STEEL	150/200
CONCRETE STRENGTH	35 MPa CLASS C





LEVEL P1 MEZZ. FRAMING PLAN

1:100

- TOP OF LEVEL 1 MEZZANINE FLOOR STRUCTURAL SLAB TO BE 60 mm BELOW FINISHED GROUND FLOOR DATUM ELEVATION 75.00. THE STRUCTURAL SLAB STEPS AT THE EDGE OF GROUND FLOOR. SEE PLAN AND DETAILS 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 (SDL) IN ADDITION TO SELF WEIGHT:

STAIRS / MEZZANINE	LL (kPa)	SDL (kPa)
STAIRS / MEZZANINE	4.8	2.5
- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C25 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 IN SLABS TO BE 25 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS BE 30 mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
- THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL FOR LINTELS IN NON-LOAD BEARING MASONRY WALLS.
- SEE ARCHITECTURAL, FINISHING AND MECHANICAL DRAWINGS FOR CURBS. REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- PROVIDE 20mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS & DROPS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.

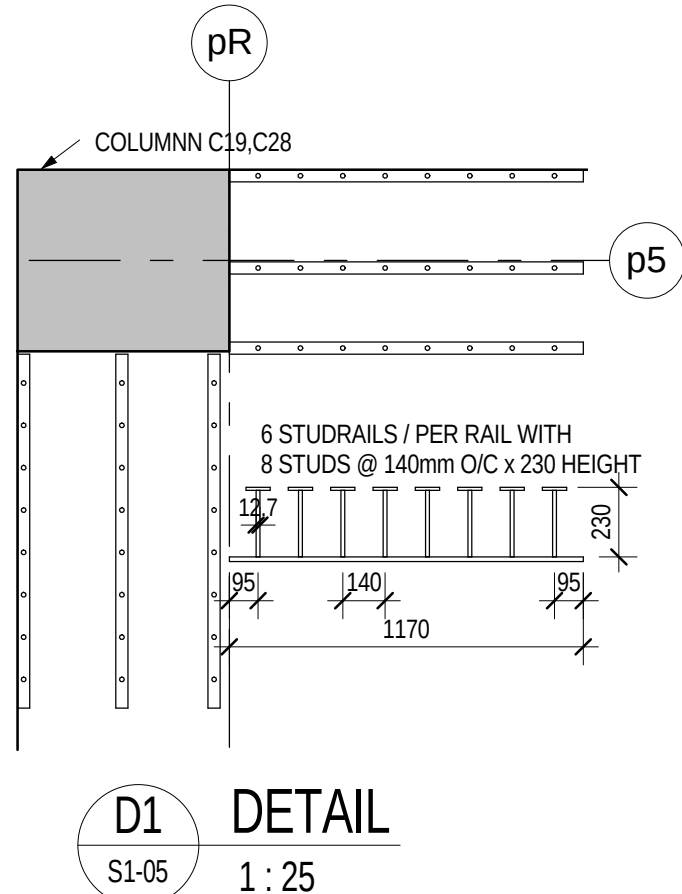
↑	T1 = TOP UPPER LAYER
↓	T2 = TOP LOWER LAYER
↑	B1 = BOTTOM UPPER LAYER
↓	B2 = BOTTOM LOWER LAYER

REINFORCEMENT PLACEMENT DIAGRAM

SLAB	250 mm
INTENSITY BARS	3.200 mm
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	150000 psi

SLAB	300 mm
INTENSITY BARS	3.500 mm
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	150000 psi

SLAB	400 mm
INTENSITY BARS	3.800 mm
CONCRETE STRENGTH	45 MPa
TEMP. STEEL	250000 psi

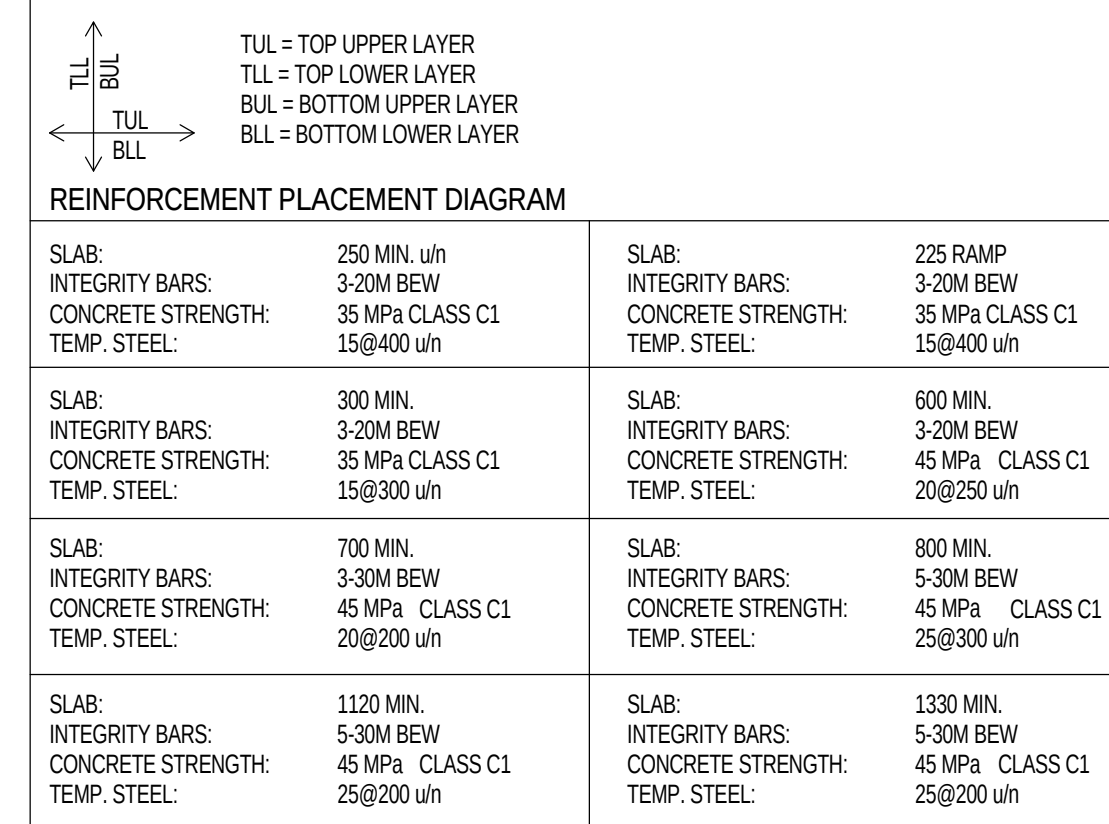


LEVEL 1 FRAMING PLAN WITH TOP REINFORCEMENT
1:100

1. TOP OF GROUND FLOOR STRUCTURAL SLAB STARTS FROM FINISHED GROUND FLOOR DATUM (ELEVATION 77.00). THE STRUCTURAL SLAB VARIES AT THE EDGE OF GROUND FLOOR SLAB (PLAN) AND DETAILS FOR ELEVATION CHANGES. SEE ALSO ARCHITECTURAL DRAWINGS AND LANDSCAPE DRAWINGS FOR GRADE ROOF ELEVATIONS AND SLOPES TO DRAIN.
2. THE STRUCTURAL SLAB IS SUPPORTED BY THE FOLLOWING LINE LOADS (K/L) AND SUPERIMPOSED DEAD LOADS (SDN) IN ADDITION TO SELF WEIGHT, AND TOPPING LOADS AS SHOWN ON PLAN.
- | | K/L | SDN |
|-------------------------------|---------|---------|
| DETAIL SPACE | 4.8 kPa | 1.5 SDN |
| LOBBY (COMMON) ENTRY SPACES | 4.8 kPa | 1.5 SDN |
| STAIRS | 4.8 kPa | 0.5 SDN |
| LOCKERS/STORAGE | 4.8 kPa | 1.5 SDN |
| LOADING DOCK AND MOVING ROOM | 4.8 kPa | 0.5 SDN |
| PARKING BAY | 4.8 kPa | 1.5 SDN |
| RETAIL CHILLER/GENERATOR ROOM | 6.0 kPa | 2.0 SDN |
| OUTSIDE DECK | 4.8 kPa | 0.5 SDN |

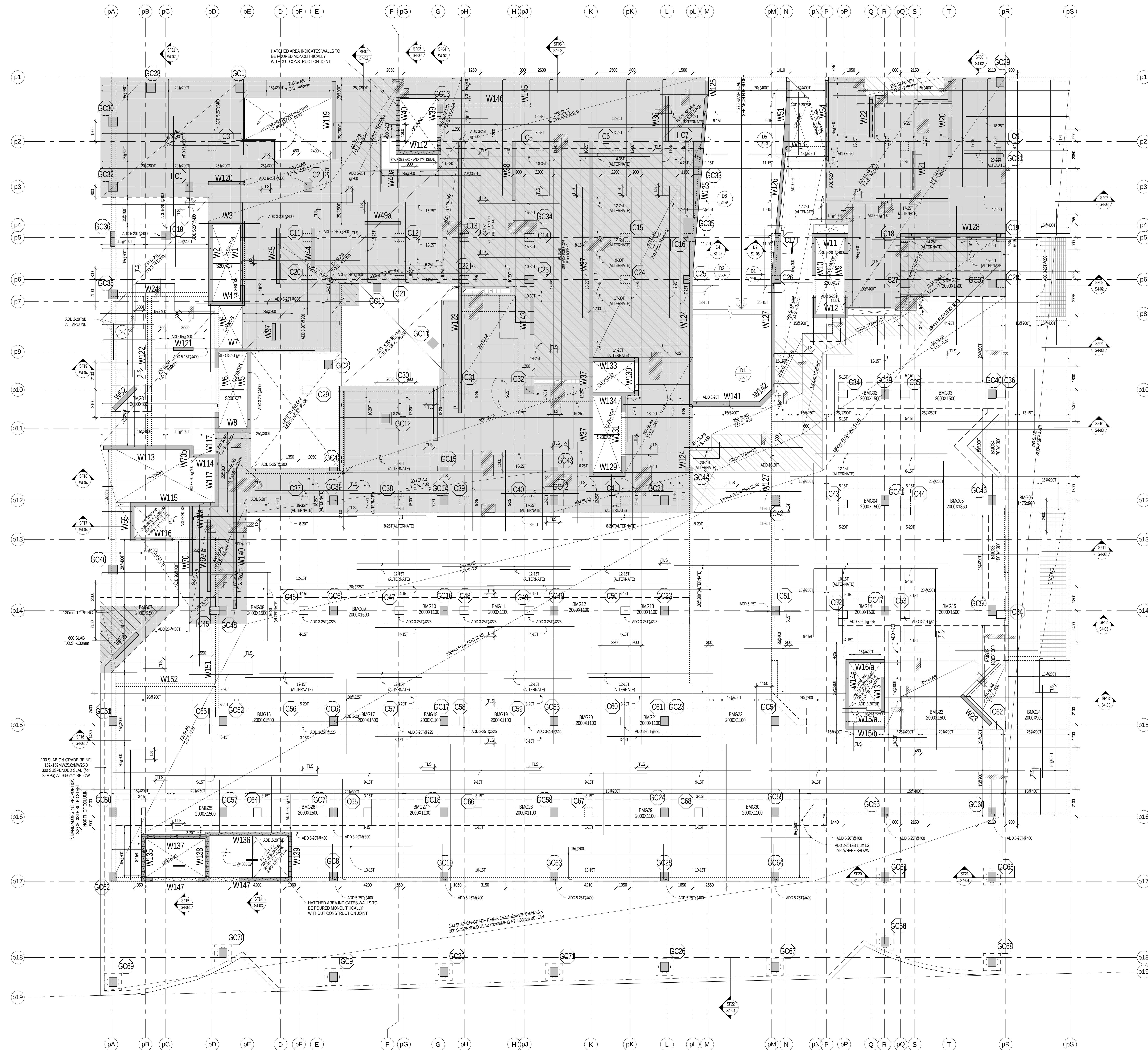
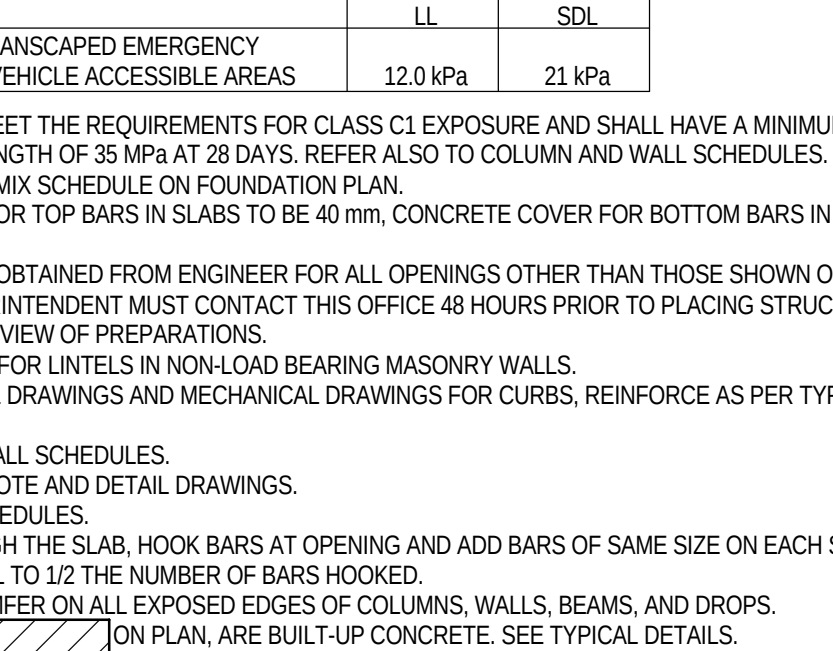
	LL	SDL
RETAIL SPACE	4.8 XPa	1.5 XPa
LOBBY/LOUNGE/AMENITY SPACES	4.8 XPa	1.5 XPa
STAIRS	4.8 XPa	0.5 XPa
LOCKERS / STORAGE	4.8 XPa	0.5 XPa
LOADING DOCK AND MOVING ROOM	4.8 XPa	0.5 XPa
PARKING RAMP	2.4 XPa	0.5 XPa
RETAIL CHILLER/GARBAGE ROOM	6.0 XPa	3.0 XPa
LOBBY/STAIR RAMP	3.0 XPa	0.6 XPa

3. CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C EXPOSURE AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 84 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE IN SLAB SCHEDULES.
4. CONCRETE COVER FOR TOP BARS IN SLABS TO BE 25 mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 30 mm.
5. ALL MATERIALS OBTAINED FROM ENGINEER FOR ALL APPLICANCES OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT HIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
6. SEE TYPICAL DETAIL UNDER "COLUMN BEARING MASONRY WALLS".
7. SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
8. SEE COLUMN AND WALL SCHEDULES.
9. SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
10. PROVIDE BEAM SCHEDULES.
11. PROVIDE 25mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS & DROPS.
12. WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND ORNINGS.
13. PROVIDE 15% FOR ALL TRANSFER SLAB REINFORCEMENT.



GARAGE ROOF PLAN NOTES

- [illegible]



D5 PLAN DETAIL
S1-06 1 - 20

D2 ELEVATION DETAIL
51-56 1:20

D1 PLAN DETAIL
S1-46 1:20

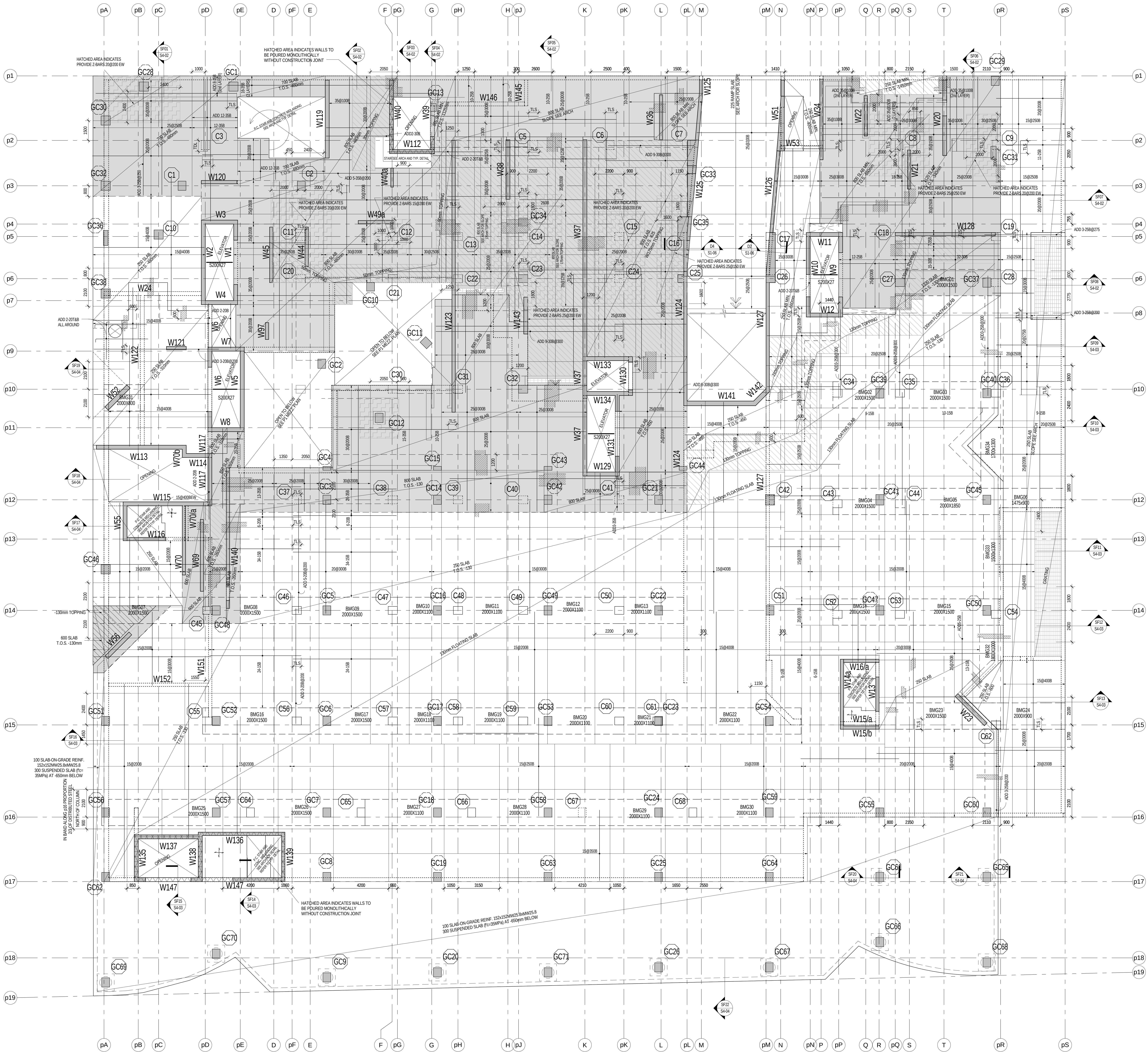
D6 PLAN DETAIL

PLAN DETAIL
1 - 20

D3 PLAN DETAIL

LEVEL 1 BEAM SCHEDULE									
BEAM NUMBER	SIZE	BOTTOM BARS			TOP BARS			STIRRUPS	REMARKS
BM001	2000X1000	No.	Size	Length	No.	Size	Length		
		12	35	1000	15	35	1000	15	100150 RE
		10	15		5	35	2000	15	Ø150 REM
					5	35	2000		DOUBLES
BM002	2000X1000	22	35		9	30	2000	15	Ø125
		22	35		6	35	1400		
		10	15		8	35	2000		
					6	35	2000		FIVE SETS
BM003	2000X1000	12	35		12	30	FROM BM001	15	5Ø125 RE
		12	35		8	35	FROM BM002	15	5Ø200 LE
		10	15		8	35	2000	15	Ø300 REM
					8	35	2000		DOUBLES
BM004	2000X1000	22	35		6	35	2000	15	Ø150
		12	35		7	35	1400		
		10	15		5	35	2000		
					5	35	2000		FIVE SETS
BM005	2000X1000	14	35		12	35	FROM BM004	15	10Ø100 RE
		14	35		5	35	FROM BM004	15	Ø300 REM
		16	15		5	35	FROM BM004		
					5	35	2000		FIVE SETS
BM006	1470X600	6	30		5	35	FROM BM005	10	Ø300
		6	15		8	35	4000		TRIPLES
BM007	2000X1000	7	30		6	30	3700	10	Ø300
		12	15		8	30	2000		TRIPLES
BM008	2000X1000	10	30		8	30	FROM BM007	10	5Ø125 LE
		12	15		7	35	FROM BM007	10	Ø300 REM
BM009	2000X1000	10	35		17	35	FROM BM008	15	Ø300
		14	35		17	35	FROM BM008		
		12	15		11	35	2000		
					8	35	2000		FIVE SETS
BM010	2000X1100	15	35		11	35	FROM BM009	10	Ø300
		8	15		6	35	FROM BM009		
					4	35	2000		
					5	35	2000		
BM011	2000X1100	6	25		4	35	FROM BM010	10	Ø300
		8	15		5	35	FROM BM010		
					7	35	2000		
					7	30	2000		
BM012	2000X1100	10	30		7	35	FROM BM011	10	Ø2000 RE
		10	30		7	30	FROM BM011	10	10Ø150 LE
		8	15		8	35	2000		TRIPLES
					7	30	2000		TRIPLES
BM013	2000X1100	10	30		8	35	FROM BM012	10	Ø300
		10	30		7	30	FROM BM012		
		8	15		9	35	2000		
					9	35	2000		FIVE SETS
BM014	2000X1000	14	35		6	35	2000	15	5Ø100 RE
		14	35		5	35	1400	15	Ø300 REM
		10	15		15	35	2000		TRIPLES
					9	35	2000		
BM015	2000X1000	16	35		15	35	FROM BM014	15	10Ø150 RE
		12	15		9	35	FROM BM014	15	Ø300 REM
					12	35	2000		
					8	35	2000		TRIPLES
BM016	2000X1000	15	35		12	30	4000	15	Ø150
		11	30		6	30	2000		
		12	15		15	35	2000		
					12	35	2000		FOUR SETS

LEVEL 1 BEAM SCHEDULE									
BEAM NUMBER	SIZE	BOTTOM BARS			TOP BARS			STIRRUPS	REMARKS
BM017	2000X1000	No.	Size	Length	No.	Size	Length		
		15	35		15	35	FROM BM016	15	10Ø100 LE
		11	30		12	35	FROM BM016	15	Ø150 REM
		12	15		12	35	2200		TRIPLES
BM018	2000X1100	13	30		15	35	FROM BM017	10	Ø200
		8	15		12	35	FROM BM017		DOUBLES
					8	30	2000		
					7	30	2000		
BM019	2000X1100	10	30		8	30	FROM BM018	10	Ø200
		8	15		7	30	FROM BM018		DOUBLES
					7	30	2000		
					8	30	2000		
BM020	2000X1100	10	35		9	35	FROM BM019	10	5Ø150 LE
		10	30		8	35	FROM BM019	10	Ø200 REM
		8	15		6	30	FROM BM019		TRIPLES
					6	30	2000		TRIPLES
BM021	2000X1100	6	25		10	30	4000	10	Ø300
		8	15		6	30	2000		DOUBLES
					10	30	2000		
					10	30	2000		
BM022	2000X1000	18	35		10	35	FROM BM021	15	20Ø125 RE
		10	30		6	30	FROM BM021	15	20Ø125 LE
		8	15		10	35	2000		TRIPLES
					4	30	2000		TRIPLES
BM023	2000X1000	20	35		7	35	4400	15	20Ø125 RE
		17	35		5	30	2500	15	18Ø100 LE
		10	15		12	35	2000		DOUBLES
					4	30	2000		DOUBLES
BM024	2000X900	9	25		12	35	FROM BM023	15	5Ø200 RE
		6	15		10	35	2000	15	5Ø200 LE
					10	35	2000		DOUBLES
					10	35	2000		DOUBLES
BM025	2000X1000	12	35		9	30	5000	10	15Ø100 RE
		12	15		12	35	2000	10	10Ø100 LE
					10	30	2000		TRIPLES
					10	30	2000		TRIPLES
BM026	2000X1000	14	35		12	35	FROM BM025	15	18Ø100 RE
		10	30		10	30	FROM BM025	15	18Ø100 LE
		10	15		10	35	2000		TRIPLES
					10	30	2000		TRIPLES
BM027	2000X1100	13	35		12	35	FROM BM026	10	7Ø200 RE
		8	15		10	30	FROM BM026	10	7Ø200 LE
					8	35	2000		TRIPLES
					8	30	2000		TRIPLES
BM028	2000X1100	15	35		8	35	FROM BM027	10	40Ø100 RE
		8	15		8	30	FROM BM027	10	7Ø200 LE
					8	35	2000		TRIPLES
					8	30	2000		TRIPLES
BM029	2000X1100	13	30		8	35	FROM BM028	10	Ø200
		8	15		10	35	FROM BM028		TRIPLES
					10	35	2000		
					10	30	2000		
BM030	2000X1100	17	35		10	35	FROM BM029	10	7Ø200 RE
		6	35		10	30	FROM BM029	10	7Ø200 LE
		8	15		8	35	2000		TRIPLES
					8	35	2000		TRIPLES
BM031	2000X800	10	30		6	35		15	Ø125
		10	30		3	30			FOUR SETS
		4	15						
BM032	1800X1000	14	35		5	35	4400	20	18Ø100 LE
		7	30		10	35	2800	20	Ø300 REM
		8	15		10	35	2000		DOUBLES
					6	30	2000		
BM033	1200X1200	12	35		10	35	FROM BM032	15	Ø300
		6	30		8	30	FROM BM032		DOUBLES
		8	15		15	35	2000		
					10	35	2000		
BM034	1700X1300	14	35		8	30		15	20Ø100 LE
		11	30		8	35	4000	15	Ø300 REM
		8	15		6	30	2000		TRIPLES
					12	35	2000		



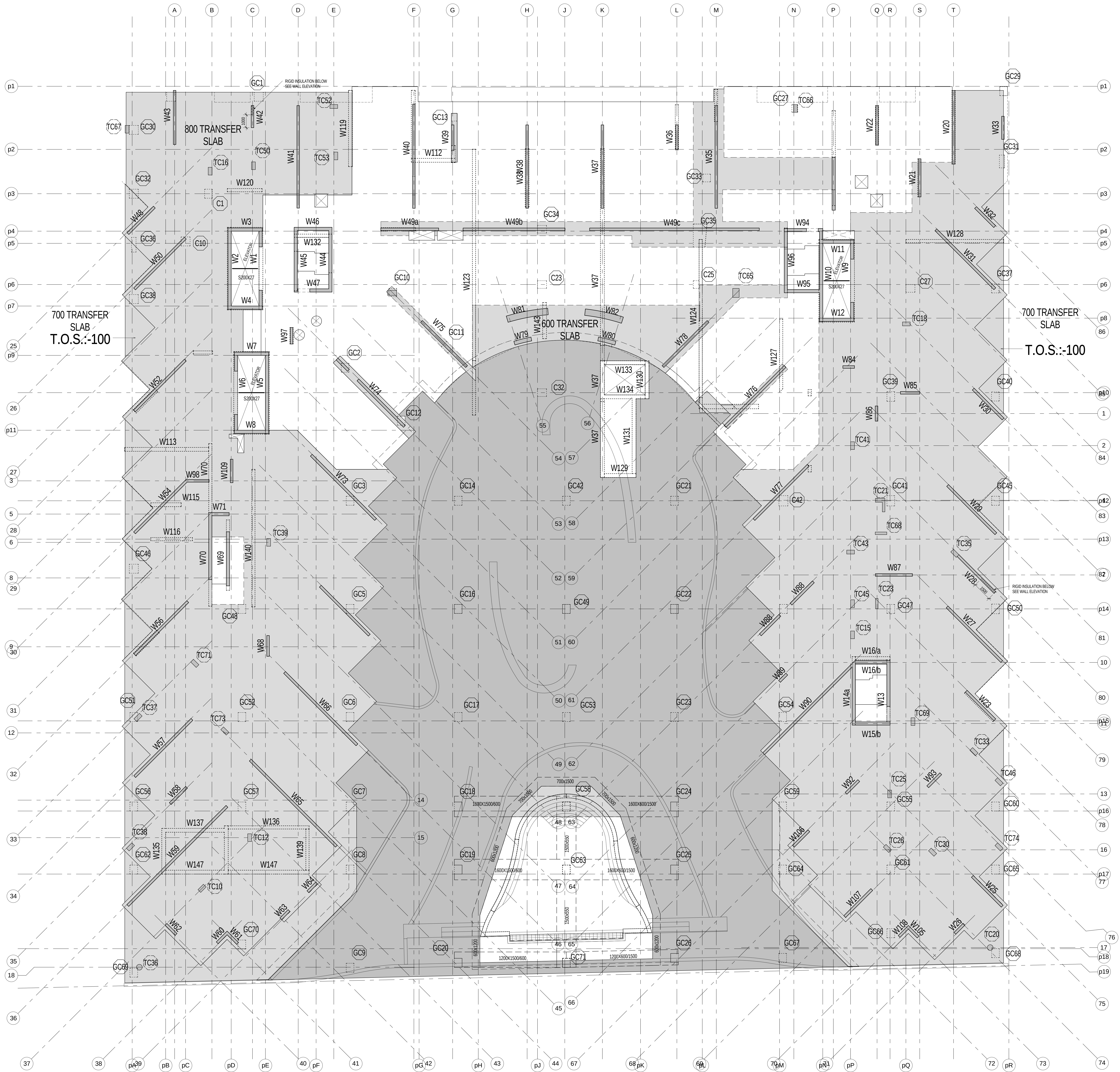


LEVEL 1 MEZZ. FRAMING PLAN
1:100

- TOP OF GROUND FLOOR STRUCTURAL SLAB VARIES FROM FINISHED GROUND FLOOR DATUM ELEVATION 80.220m. THE STRUCTURAL SLAB STEPS AT THE EDGE OF GROUND FLOOR. SEE PLAN AND DETAILS 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 (SDL) IN ADDITION TO SELF WEIGHT:

	LL	SDL
RETAIL SPACE	4.8 kPa	1.8 kPa
LOBBY LOUNGE/RENTAL SPACES	4.8 kPa	1.8 kPa
STAIRS	4.8 kPa	1.8 kPa
LOADS IN STAIRS	7.2 kPa	1.8 kPa
LOADS IN LOBBY	7.2 kPa	1.8 kPa
LOADS IN DOCK AND MOVING ROOM	17.2 kPa	1.8 kPa
- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C1 EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 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 25mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS TO BE 35mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL FOR UNITS 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.
- PROVIDE 50mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS & PROPS.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, WOKED AT EDGE OF SLAB AND OPENINGS.
- PROVIDE T15 FOR ALL TRANSFER SLAB REINFORCEMENT.

	T15 = TOP UPPER LAYER
	T15 = TOP LOWER LAYER
	B15 = BOTTOM UPPER LAYER
	B15 = BOTTOM LOWER LAYER
REINFORCEMENT PLACEMENT DIAGRAM	
SLAB:	300 mm x 400 mm
PROVIDED BARS:	300 mm x 400 mm
CONCRETE STRENGTH:	30 MPa
TOP STEEL:	150/300 mm
BOTTOM STEEL:	150/300 mm
SLAB:	250 mm x 400 mm
PROVIDED BARS:	250 mm x 400 mm
CONCRETE STRENGTH:	30 MPa
TOP STEEL:	150/300 mm
BOTTOM STEEL:	150/300 mm

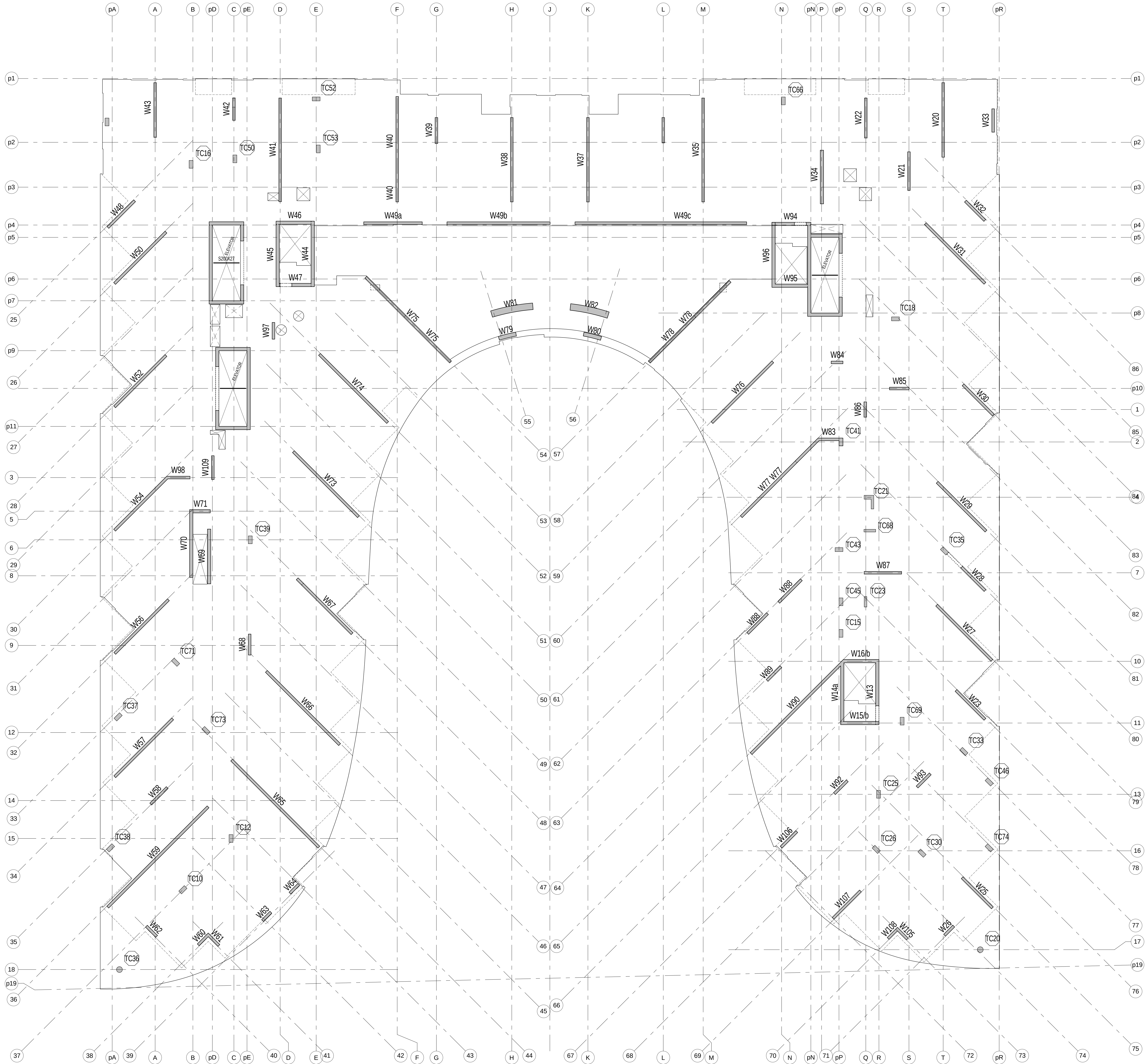


LEVEL 2 FRAMING PLAN 1:100

- TOP OF STRUCTURAL SLAB TO BE 6.6 mm 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
SLAB	4.8 kPa	2.5 kPa
TERRACE	4.8 kPa	1.8 kPa
STAIRS/COMMONS/HALLWAY	4.8 kPa	2.5 kPa
CANOPY	2.4 kPa	0.5 kPa
- * INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS.
- ** AN ALLOWANCE FOR SNOW LOAD OF 1.1 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOW LOAD.
- 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 PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL DRAWINGS FOR DETAILS IN NON-LOAD BEARING BLOCK WALLS. SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO BEAM SCHEDULES.
- PROVIDE TIE FOR ALL TRANSFER SLAB REINFORCEMENT.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENING.
- IN TRANSFER SLABS, HOOK BOTTOM BARS AND EXTEND ALL TOP BARS INTO ADJACENT SLABS BY 200mm (TYP).
- ACCORD PLAN INDICATES ARCHITECTURAL COLUMN, REFER TO S202 FOR DETAILS.
- TRANSFER SLABS TO BE SHORED UNTIL REACH SPECIFIED 28 DAYS CONCRETE STRENGTH. SHORING SHOULD NOT BE SUPPORTED ON BUILDING SLAB.

	T/L = TOP UPPER LAYER	T/L = TOP LOWER LAYER	B/L = BOTTOM UPPER LAYER	B/L = BOTTOM LOWER LAYER
REINFORCEMENT PLACEMENT DIAGRAM				
SLAB	250 mm x 400 mm			
INTERITY BARS	20 mm	3/8" x 18"		
CONCRETE STRENGTH	35 MPa			
TOP STEEL	150/200 mm			
BOTTOM STEEL	150/200 mm			
SLAB	800 mm x 1200 mm			
INTERITY BARS	20 mm	3/8" x 18"		
CONCRETE STRENGTH	35 MPa			
TOP STEEL	150/200 mm			
BOTTOM STEEL	150/200 mm			
SLAB	500 mm x 1200 mm			
INTERITY BARS	20 mm	3/8" x 18"		
CONCRETE STRENGTH	35 MPa			
TOP STEEL	150/200 mm			
BOTTOM STEEL	150/200 mm			
SLAB	600 mm x 1200 mm			
INTERITY BARS	20 mm	3/8" x 18"		
CONCRETE STRENGTH	35 MPa			
TOP STEEL	150/200 mm			
BOTTOM STEEL	150/200 mm			
SLAB	1000 mm x 1200 mm			
INTERITY BARS	20 mm	3/8" x 18"		
CONCRETE STRENGTH	35 MPa			
TOP STEEL	150/200 mm			
BOTTOM STEEL	150/200 mm			



LEVEL 3 FRAMING PLAN

1:100

- 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
OFFICE	1.8 kPa	1.5 kPa
TERRACE	4.8 kPa*	1.5 kPa*
STORAGE/LOBBY	4.8 kPa*	1.5 kPa*
BALCONIES	4.8 kPa*	1.5 kPa*
GREEN ROOF	4.8 kPa*	3.2 kPa*

* INCLUDES ALLOWANCE FOR SORES AND DOORING MATERIALS
** AN ALLOWANCE FOR SLOW LOAD OF 1.25 kPa HAS BEEN CONSIDERED.
SEE PLAN FOR ADDITIONAL SLOW LOAD.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 35 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 TYPICAL DETAIL DRAWING FOR LUNETS IN NON-LOAD BEARING BLOCK WALLS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL HOOKED AT EDGE OF SLAB AND OPENINGS.
- AC-DRAWING NOTES: ARCHITECTURAL COLUMN REFER TO S2.02 FOR DETAILS.
- IN THICKER SLABS, HOOK BOTTOM BARS AND EXTEND ALL TOP BARS INTO ADJACENT SLABS BY 200mm (TYP).

	TUL = TOP UPPER LAYER TLL = TOP LOWER LAYER BUL = BOTTOM UPPER LAYER BLL = BOTTOM LOWER LAYER
REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	300MM MIN
INTEGRITY BARS	2.0M BEW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	500/50
SLAB	200MM MIN
INTEGRITY BARS	2.0M BEW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	500/50
SLAB	300MM MIN
INTEGRITY BARS	2.0M BEW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	500/50
SLAB	400MM MIN
INTEGRITY BARS	2.0M BEW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	500/50
FACE STEEL	4.0M MIN

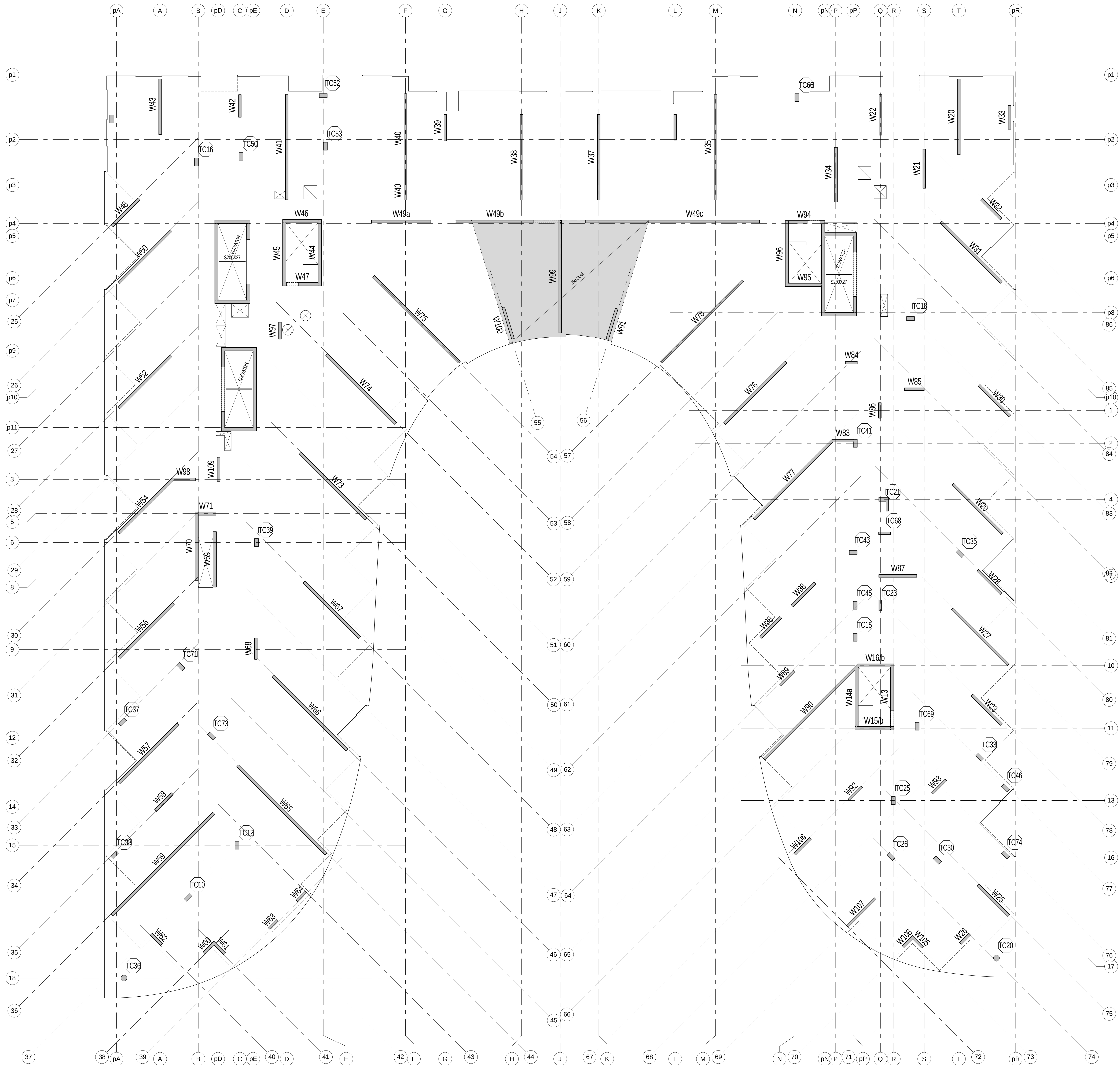
LEVEL 4 FRAMING PLAN
1:100

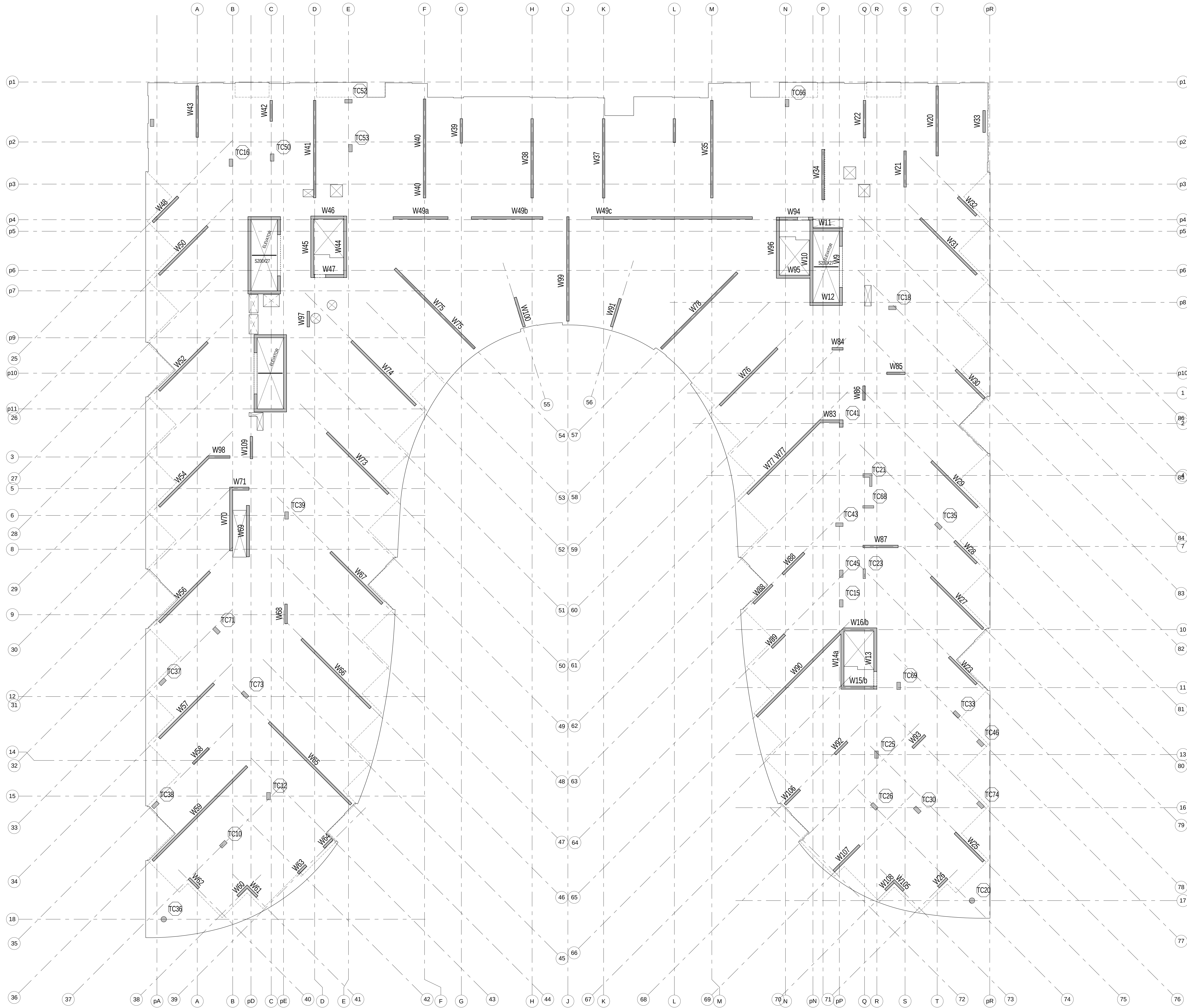
- TOP OF STRUCTURAL SLAB TO BE 0.0 m BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSS-CHECKED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF-WEIGHT:

SLAB	LL (kPa)	SDL (kPa)
TERMINAL	4.8 kPa	1.20 kPa
STAIRWELL/LOBBY	4.8 kPa	0.5 kPa
BALCONIES	4.8 kPa	1.5 kPa
GREENHOUSE	4.8 kPa	0.2 kPa

 - * INCLUDES ALLOWANCE FOR SLOPES AND PROOFING MATERIALS
 - ** AN ALLOWANCE FOR SNOW LOAD OF 1.20 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOWLOAD.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
- REINFORCEMENT MUST BE OBTAINED FROM DIMENSIONS 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 TYPICAL DETAIL DRAWING FOR LINTELS IN WIND-LOAD BEARING BLOCK WALLS. SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO REBAR SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, WROUGHT AT EDGES OF JOINTS AND OPENINGS.
- AC CUR PLAN IDENTITIES - ARCHITECTURAL COLUMN REFER TO SLAB FOR DETAILS.
- IN THINER SLABS, SHOW BOTTOM BARS AND EXTEND ALL TOP BARS INTO ADJACENT SLABS BY 200mm (TYP).
- THINNER SLABS TO BE SHORED UNTIL READY SPECIFIED 28 DAYS CONCRETE STRENGTH. SHORING SHOULD NOT BE SUPPORTED ON BUILDING SLABS.

REINFORCEMENT PLACEMENT DIAGRAM
SLAB: 200 mm W/L
INTEGRITY BARS: 3-20M BEW
CONCRETE STRENGTH: 25 MPa
TEMP. STEEL: 150/90/30
SLAB: 200 mm W/L
INTEGRITY BARS: 3-20M BEW
CONCRETE STRENGTH: 25 MPa
TEMP. STEEL: 150/90/30
SLAB: 300 mm W/L
INTEGRITY BARS: 3-20M BEW
CONCRETE STRENGTH: 25 MPa
TEMP. STEEL: 150/90/30
SLAB: 400 mm W/L
INTEGRITY BARS: 3-20M BEW
CONCRETE STRENGTH: 25 MPa
TEMP. STEEL: 150/90/30
SLAB: 400 mm W/L
INTEGRITY BARS: 3-20M BEW
CONCRETE STRENGTH: 25 MPa
TEMP. STEEL: 150/90/30





LEVEL 5 FRAMING PLAN

1:100

- TOP OF STRUCTURAL SLAB TO BE 0.11M 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:

	LL	SDL
SUITE	1.8 kPa	1.5 kPa
STORAGE	4.8 kPa	3.0 kPa
STAIRS/HALLWAY	4.8 kPa	1.5 kPa
MECH. ROOM	4.8 kPa	1.5 kPa
GREEN ROOF	4.8 kPa	5.1 kPa
- * INCLUDES ALLOWANCES FOR SLABS AND ROOFING MATERIALS
- ** AN ALLOWANCE FOR SNOW LOAD OF 1.2 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOWLOAD
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 35 mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
- THIS PROJECT SUBMITTANT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS. SEE TYPICAL DETAIL DRAWING FOR LATELS IN NON-LOAD BEARING BLOCK WALLS.
- SEE ALSO TYPICAL DETAILS AND DETAILS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL HOOKED AT EDGE OF SLAB AND OPENINGS.
- AC ON PLAN INDOTES ARCHITECTURAL COLUMNS REFER TO SLAB FOR DETAILS IN TRANSFER SLABS. HOOK BOTTOM BARS AND EXTEND ALL TOP BARS INTO ADJACENT SLABS BY 300mm (12")

TL	TOP UPPER LAYER
TL	TOP LOWER LAYER
BL	BOTTOM UPPER LAYER
BL	BOTTOM LOWER LAYER

REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	250 MIN. MIN.
INTEGRITY BARS	3.0M BEW
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	250/30
SLAB	250 MIN. MIN.
INTEGRITY BARS	3.0M BEW
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	250/30
SLAB	450 MIN. MIN.
INTEGRITY BARS	3.0M BEW
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	250/30
SLAB	600 MIN. MIN.
INTEGRITY BARS	3.0M BEW
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	250/30
SLAB	600 and 900 MIN. MIN.
INTEGRITY BARS	3.0M BEW
CONCRETE STRENGTH	35 MPa
TEMP. STEEL	250/30
FACE STEEL	3.0M BEW

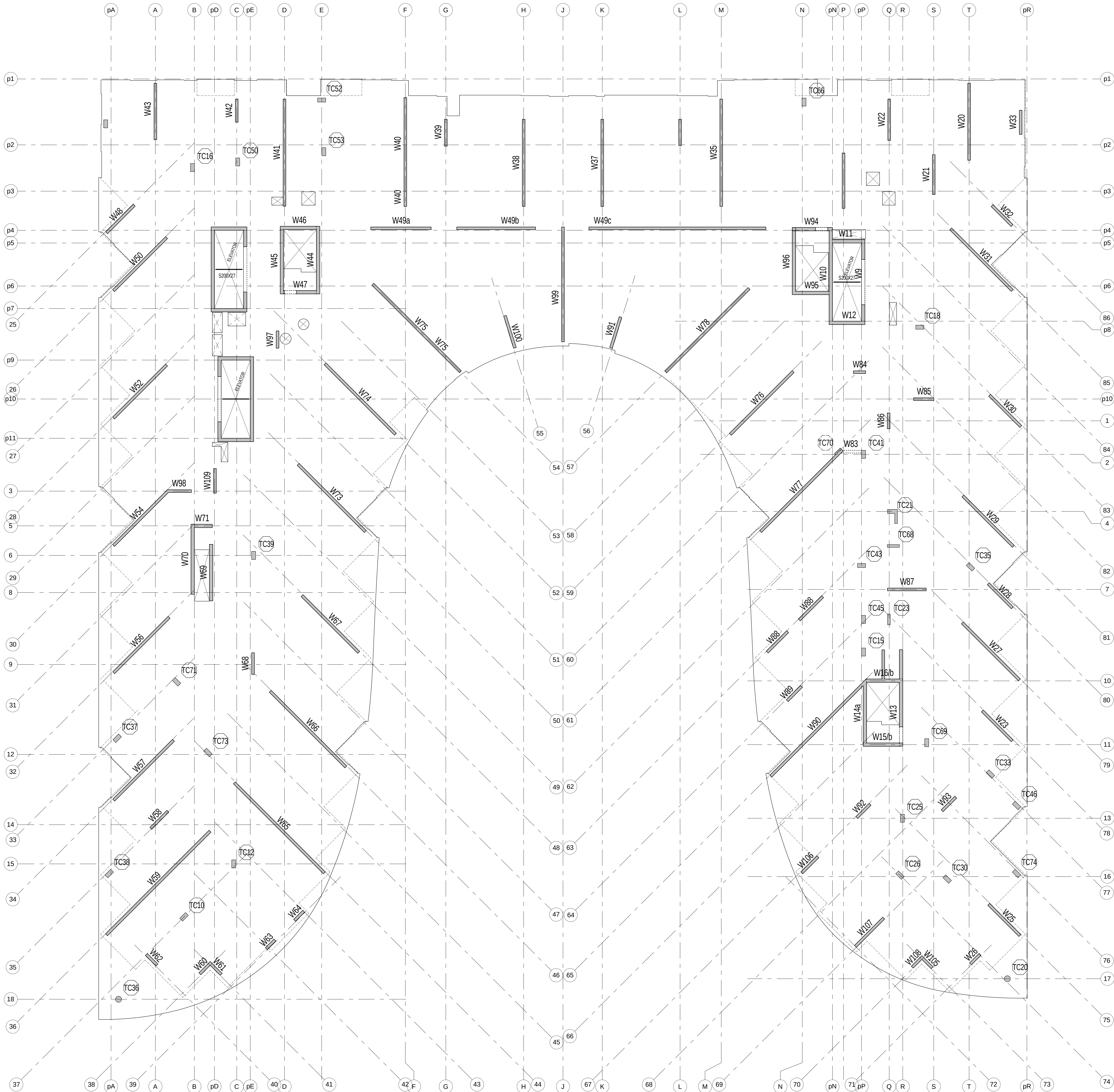
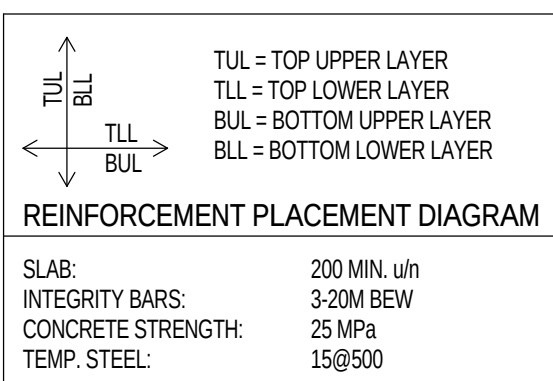
LEVEL 6 FRAMING PLAN
1 : 100

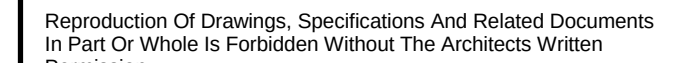
- TOP OF STRUCTURAL SLAB TO BE 0.0 m BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT:

SUITES	LL	SDL
STAIRS/HALLWAYS	1.0 kPa	1.25 kPa
BALCONIES	4.0 kPa	0.5 kPa
	4.0 kPa	0.5 kPa

** AN ALLOWANCE FOR SNOW LOAD OF 1.5 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOW LOAD.

- 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 PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
SEE TYPICAL DETAIL DRAWING FOR LINTELS IN NON-LOAD BEARING BLOCK WALLS.
SEE ALSO TYPICAL NOTES AND DETAILS.
REFER TO BEAM SCHEDULES.
WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.



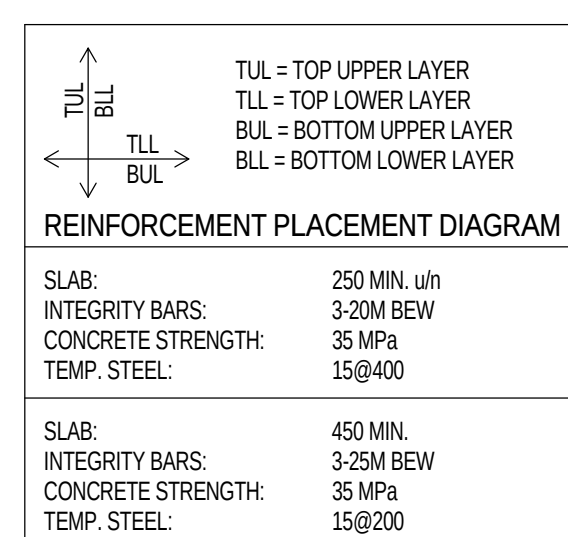


LEVEL 7 FRAMING PLAN

1 : 100

1. TOP OF STRUCTURAL SLAB TO BE 0.0m FROM FINISHED FLOOR FOR DATA EVALUATION
 2. EXPOSED CROSS AND NOTED: SEE ARCHITECTURAL DRAWINGS FOR ELEVATION
 3. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (kN) AND
 4. SUPERIMPOSED DEAD LOADS (kN) AS SHOWN BELOW
- | | LL | SDL |
|-------------------|--------|--------|
| KITCHEN | 1.95kN | 1.25kN |
| LIVING | 4.05kN | 1.81kN |
| STAIRWELL/HALLWAY | 4.05kN | 0.55kN |
| BATH ROOMS | 2.40kN | 0.55kN |
| CLOSET | 2.40kN | 0.55kN |
| CEILING | 0.25kN | 0.25kN |
5. 1. INCLUDES ALLOWANCE FOR TOP AND BOTTOM BARS IN SLABS TO BE 25mm H.P.
 6. JOINTS WILL BE OBTAINED FROM THE TOP OF THE SLAB AND ALL OPENINGS OTHER THAN
 7. THOSE SHOWN ON PLAN
 8. 2. THE CONTRACTOR WILL NOTIFY HIS DESIGNER OF ANY CHANGES TO HIS PLAN PRIOR TO
 9. PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS
 10. 3. THE CONTRACTOR SHALL PROVIDE 150mm x 150mm BEARING BLOCK WALLS
 11. 4. SEE ALSO TYPICAL NOTES AND DETAILS
 12. 5. WHERE BOTTOM STEEL OF SLAB SHOWN PROVIDE CONTINUOUS REINFORCING STEEL
 13. 6. HOOKED AT END OF SLAB AND DRIPPING CLOSURE
 14. 7. 8. SEE TYPICAL NOTES AND DETAILS. REFER TO S2 02 FOR DETAILS

	LL	SDL
SUITES	1.9 kPa	1.25 kPa
TERRACE	4.8 kPa**	3.6 kPa*
STAIRS/HALL/LOBBY	4.8 kPa	0.5 kPa
BALCONIES	4.8 kPa**	0.5 kPa
CANOPY	2.4 kPa**	0.5 kPa
GREEN ROOF	4.8 kPa**	3.3 kPa*



3. TOP OF STRUCTURAL SLAB TO BE 0.10 mm BELOW FINISHED DRAIN DATUM ELEVATION EXCEPT AS DROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.

4. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDLL) AS GIVEN IN THE TABLE OF WEIGHT.

	LL	SDLL
SUITS	1.24 kPa	0.25 kPa
STAIRS/SLAB/COMMONS/LOBBY	4.8 kPa	1.5 kPa

5. ** AN ALLOWANCE FOR SNOW LOAD OF 1.12 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOW LOAD.

CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.

6. APPROVAL WILL BE OBTAINED FOR ANY REVISIONS OR CHANGES OTHER THAN THOSE SHOWN ON PLAN.

7. THE PROJECT SUPERINTENDENT MUST OBTAIN A RECHECK FOR PREPARATIONS.

8. SEE TYPICAL DETAIL DRAWING FOR INTERLUS IN NON LOAD BEARING BLOCK WALLS.

9. SEND TO DCC FOR 48 HOURS BEFORE CONCRETE.

10. REFER TO REBAR SCHEDULES.

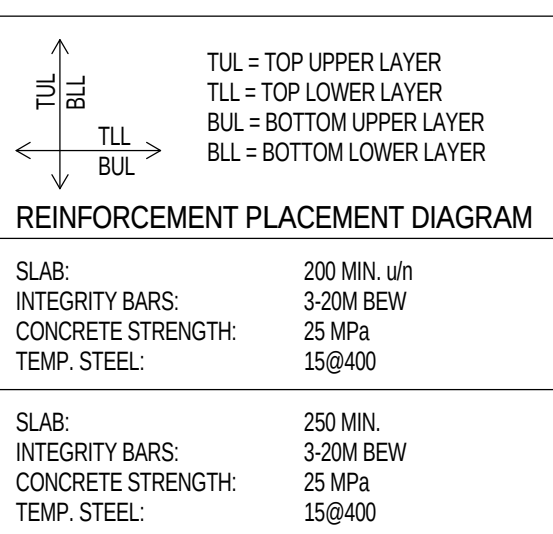
11. WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONCRETE COVER TEMPERATURE STEEL.

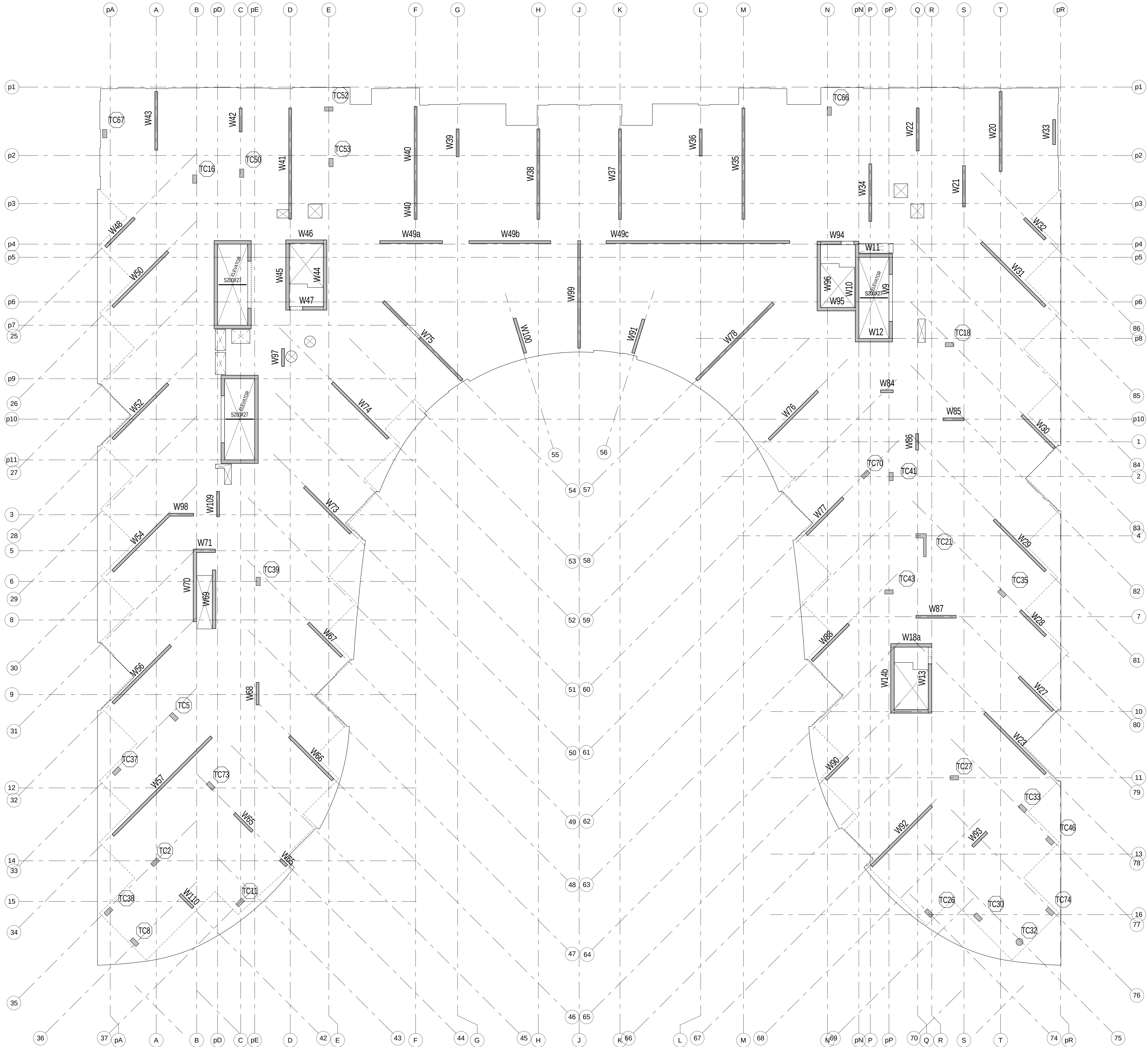
12. SEE TYPICAL DETAIL 48 HOURS BEFORE CONCRETE.

	LL	SXL
SUITES	1.9 kPa	1.25 kPa
STAIRS/BALCONIES/HALL/LOBBY	4.8 kPa	0.5 kPa

⁴⁴ AN ALLOWANCE FOR SNOW LOAD OF 1.12 kPa HAS BEEN CONSIDERED.

3. CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
4. APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
5. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
6. SEE TYPICAL DETAIL DRAWING FOR LINTELS IN NON-LOAD BEARING BLOCK WALLS.
7. SEE ALSO TYPICAL NOTES AND DETAILS.
8. REFER TO BEAM SCHEDULES.
9. WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL HOOKED AT EDGE OF SLAB AND OPENINGS.





LEVEL 9 FRAMING PLAN
1:100

- TOP OF STRUCTURAL SLAB TO BE 0.0 mm 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 (AND SUPERIMPOSED DEAD LOADS) (SLAB IN ADDITION TO THE SELF WEIGHT).
- | | SL | SDL |
|----------------|----------|---------|
| ROOF AREA | 1.5 kPa | 2.4 kPa |
| JANUARY AREA | 4.8 kPa | 1.5 kPa |
| SPRINKLER | 4.8 kPa | 1.5 kPa |
| STAIRS/HALLWAY | 4.8 kPa | 0.5 kPa |
| PLANTERS | 4.8 kPa | 0.5 kPa |
| MECHANICAL | 6.0 kPa | 1.5 kPa |
| CHINA SPACE | 1.5 kPa | 1.5 kPa |
| TERRACE | 4.8 kPa | 0.5 kPa |
| POOL | 10.0 kPa | 1.5 kPa |
- * INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS
SEE PLAN FOR ADDITIONAL SLOPE/LOAD
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 PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
SEE TYPICAL DETAIL DRAWING FOR UNITS IN NON-LOAD BEARING BLOCK WALLS.
SEE ALSO TYPICAL NOTES AND DETAILS.
REFER TO REBAR SCHEDULES.
WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.
ALONG PLAN SPACES - ARCHITECTURAL COLUMN, REFER TO S2-02 FOR DETAILS.

TL = TOP UPPER LAYER	302 MPa
TL = TOP LOWER LAYER	302 MPa
BL = BOTTOM UPPER LAYER	302 MPa
BL = BOTTOM LOWER LAYER	302 MPa

REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	302 MPa
INTERGRITY BARS	302 MPa
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	250/250

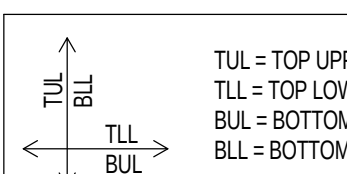
SLAB	302 MPa
INTERGRITY BARS	302 MPa
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	250/250

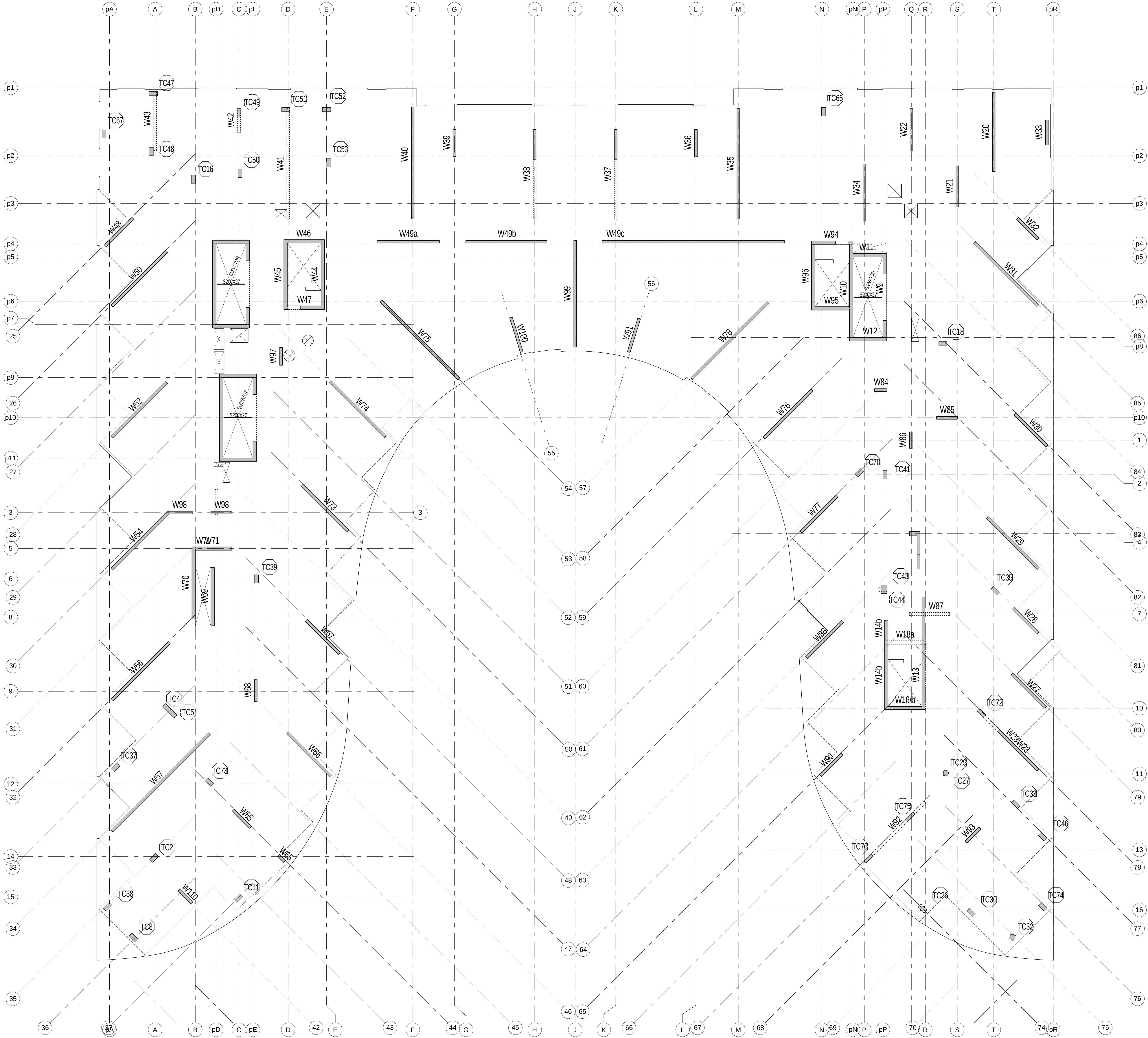
LEVEL 10 FRAMING PLAN
1 : 100

- TOP OF STRUCTURAL SLAB TO BE 60 mm 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:

SLATES	LL (kPa)	DL (kPa)
STAIRS/BALCONIES/HALLWAYS	3.0 kPa	1.5 kPa
	4.8 kPa	0.5 kPa

** AN ALLOWANCE FOR SNOW LOAD OF 1.2 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOWING.
- 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 PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL DRAWING FOR LUNETS IN NON-LOAD BEARING BLOCK WALLS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.

	
REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	250 mm x 400 mm
INTERMEDIATE BARS	2-20mm @ 25 mm
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150/400
SLAB	250 mm x 400 mm
INTERMEDIATE BARS	2-20mm @ 25 mm
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	150/400

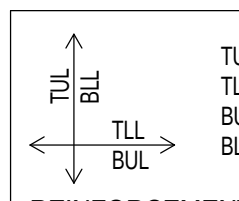


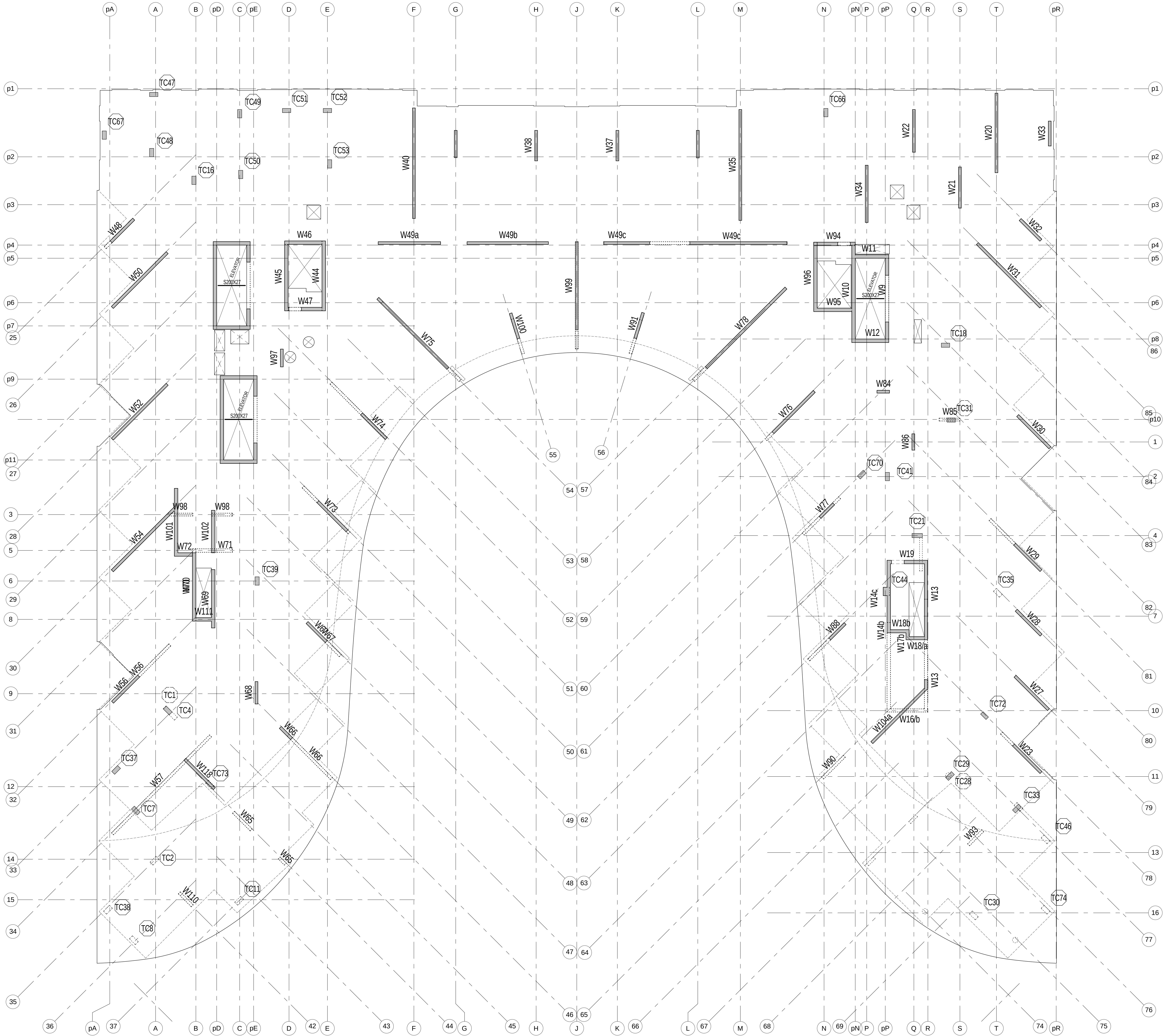
LEVEL 11 FRAMING PLAN
1:100

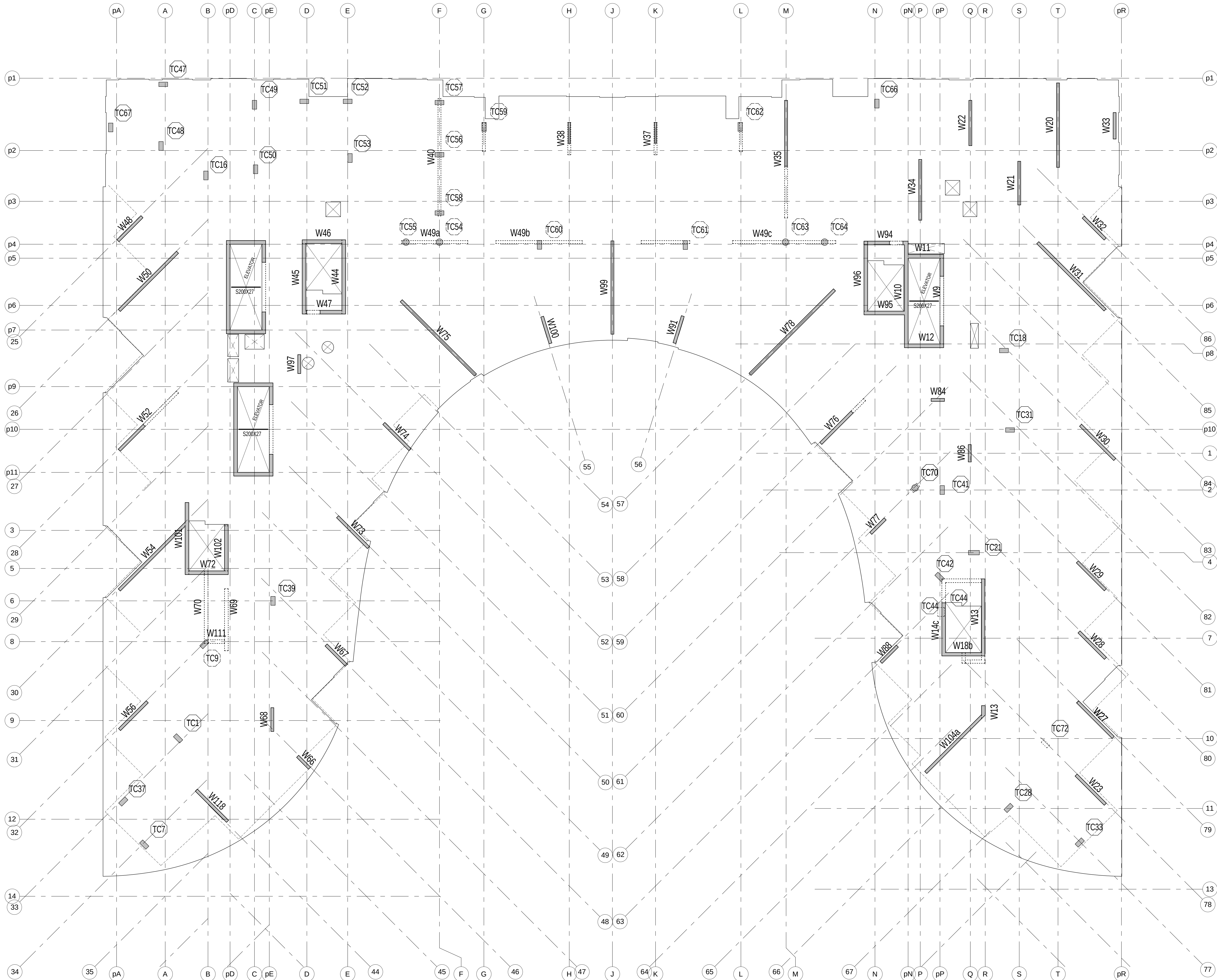
- TOP OF STRUCTURAL SLAB TO BE 0 mm BELOW FINISHED FLOOR ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SL) IN ADDITION TO THE SELF WEIGHT:

SUITES	LL	SL
11 FLP	2.0 kPa	1.25 kPa
8.0 FLP	2.0 kPa	0.5 kPa

*) AN ALLOWANCE FOR SNOW LOAD OF 1.0 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOW LOAD.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLAB TO BE 35 mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN IN PLAN.
- THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL DRAWING FOR DETAILS IN NON-LOAD BEARING BLOCK WALLS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.

	TLL = TOP UPPER LAYER TLL = TOP LOWER LAYER BLL = BOTTOM UPPER LAYER BLL = BOTTOM LOWER LAYER
REINFORCEMENT PLACEMENT DIAGRAM	
SLAB: INTEGRITY BARS: CONCRETE STRENGTH: TEMP. STEEL:	20 MPA, 40% 3.2M BEM 25 MPA (25/40)
SLAB: INTEGRITY BARS: CONCRETE STRENGTH: TEMP. STEEL:	20 MPA, 40% 3.2M BEM 25 MPA (25/40)





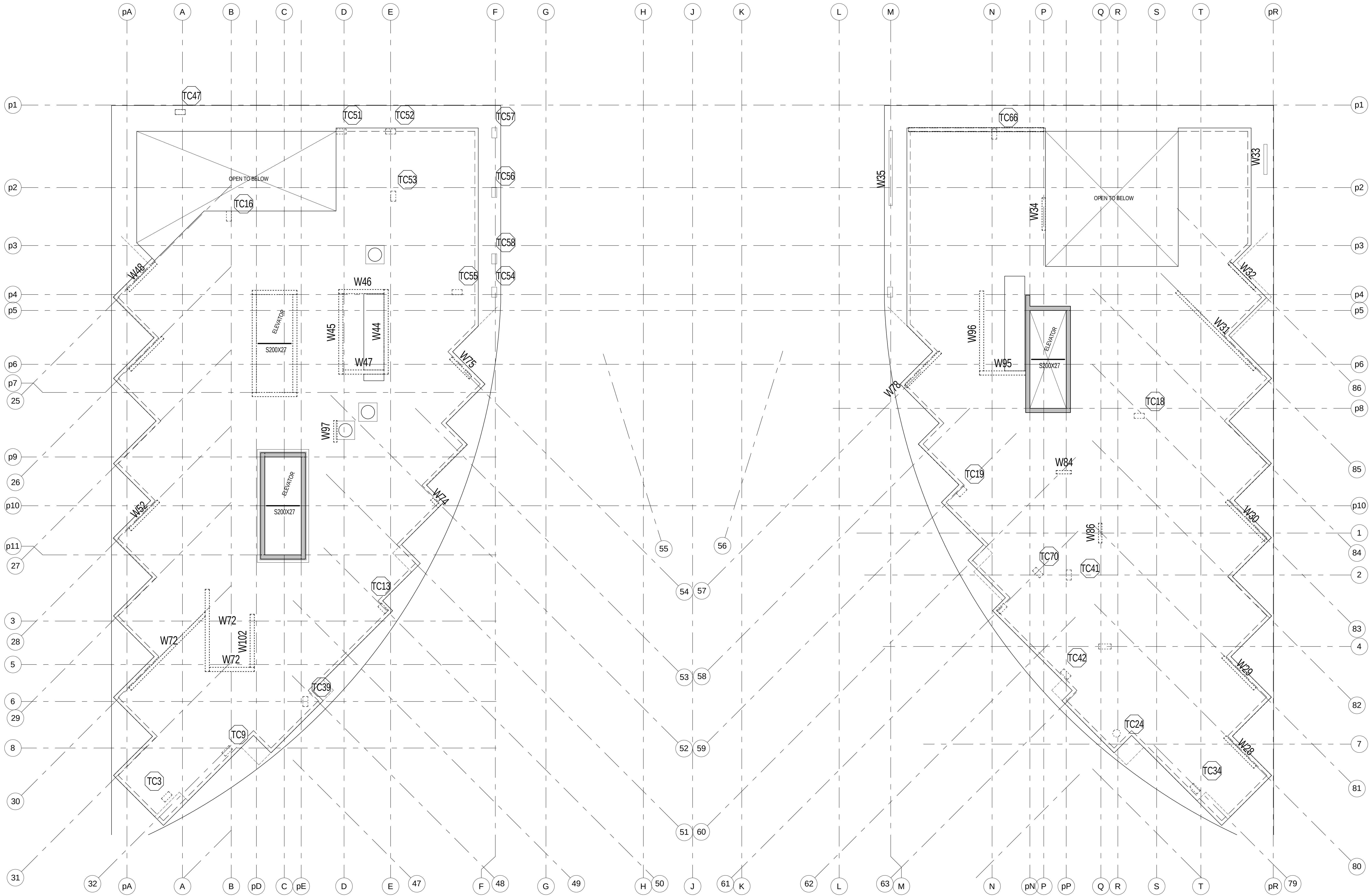
LEVEL 12 FRAMING PLAN

1:100

- TOP OF STRUCTURAL SLAB TO BE 0.1mm BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR OUTLINE ELEVATION.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT:

	LL	SDL
SUITES	1.8 kPa	1.25 kPa
STAIRS/BALCONIES/HALLWAYS	4.8 kPa	0.5 kPa
- AN ALLOWANCE FOR SNOW LOAD OF 1.13 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOWLOAD.
- 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 PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL DRAWING FOR LATELS IN NON-LOAD BEARING BLOCK WALLS.
- SEE ALSO TYPICAL NOTES AND DETAILS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL. HOOKED AT EDGE OF SLAB AND OPENINGS.

	TL = TOP UPPER LAYER
	BL = BOTTOM UPPER LAYER
	TL = TOP LOWER LAYER
	BL = BOTTOM LOWER LAYER
	REINFORCEMENT PLACEMENT DIAGRAM
SLAB	200MM 40
INTEGRITY BARS	3.0M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	20040
SLAB	200MM
INTEGRITY BARS	3.0M BW
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	20040



LEVEL 14 FRAMING PLAN
1:100

- TOP OF STRUCTURAL SLAB TO BE 60 mm ABOVE ROOF DATUM ELEVATION EXCEPT AS CROSSED AND NOTED AND AS SHOWN TO DIMENSIONS AS SHOWN BY THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
- ROOF DRAINAGE SLOPES ARE TO BE PROVIDED BY SLOPING THE TOP OF THE SLAB. NOTE THAT THE SLOPE OF SLAB IS FLAT.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SD) AND SHOWS (S) IN ADDITION TO THE SELF WEIGHT:

ROOF AREA	LL	SD
1.1 MPa	1.1 MPa	1.1 MPa

* AN ALLOWANCE FOR SNOW LOAD OF 3.12 kPa HAS BEEN CONSIDERED. SEE PLAN FOR ADDITIONAL SNOWLOAD.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL ELEVATION DRAWINGS.
- CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm. REINFORCING TO BE CHAINED TO MAINTAIN PROPER COVER.
- 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 DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- WHERE BOTTOM STEEL NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL HOOKED AT EDGE OF SLAB AND OPENINGS.

TLL = TOP UPPER LAYER	
TLL = TOP LOWER LAYER	
BLL = BOTTOM UPPER LAYER	
BLL = BOTTOM LOWER LAYER	

REINFORCEMENT PLACEMENT DIAGRAM	
SLAB	25 MPa
INTEGRITY BARS	25 MPa
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	25 MPa
SLAB	25 MPa
INTEGRITY BARS	25 MPa
CONCRETE STRENGTH	25 MPa
TEMP. STEEL	25 MPa

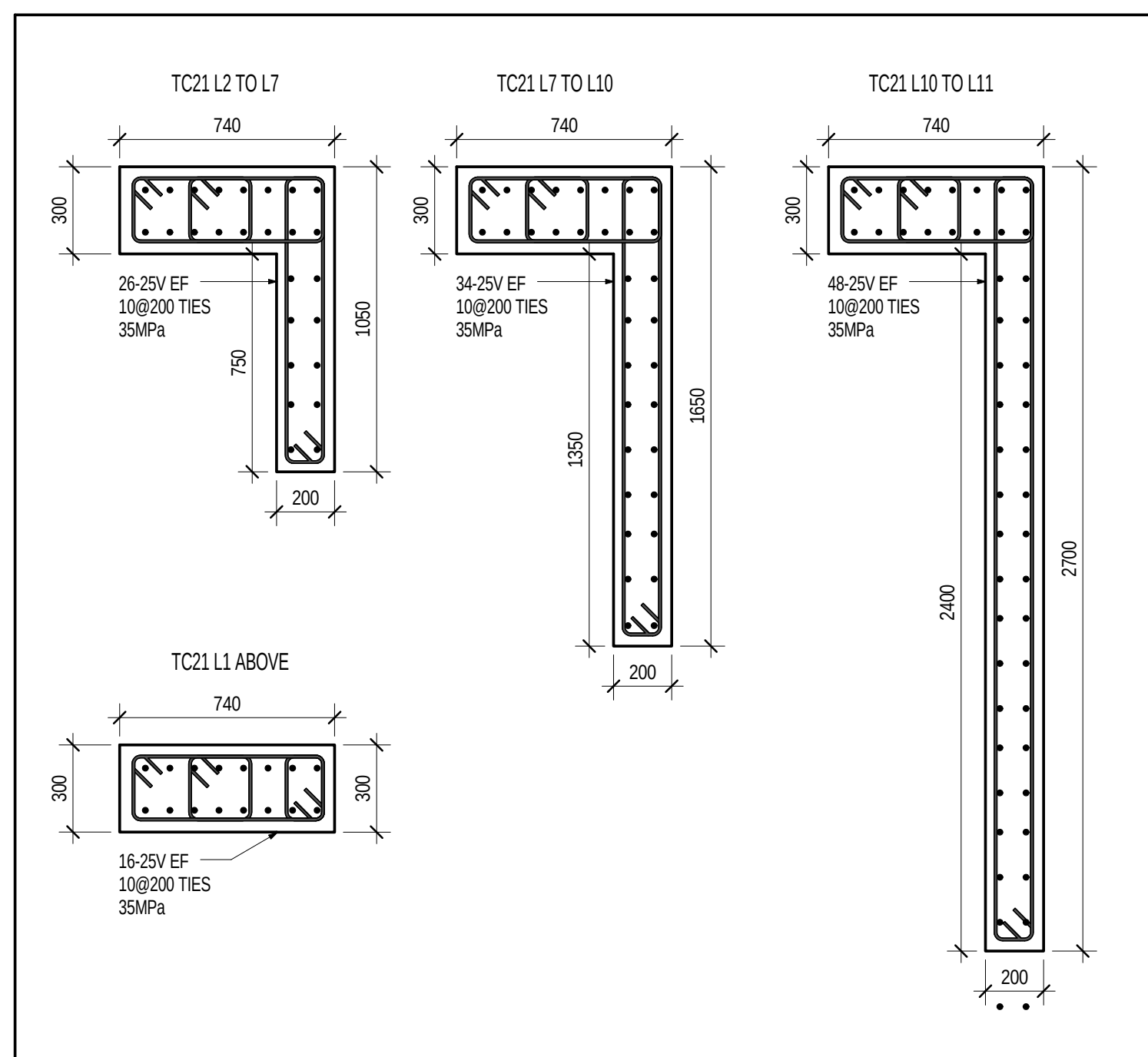
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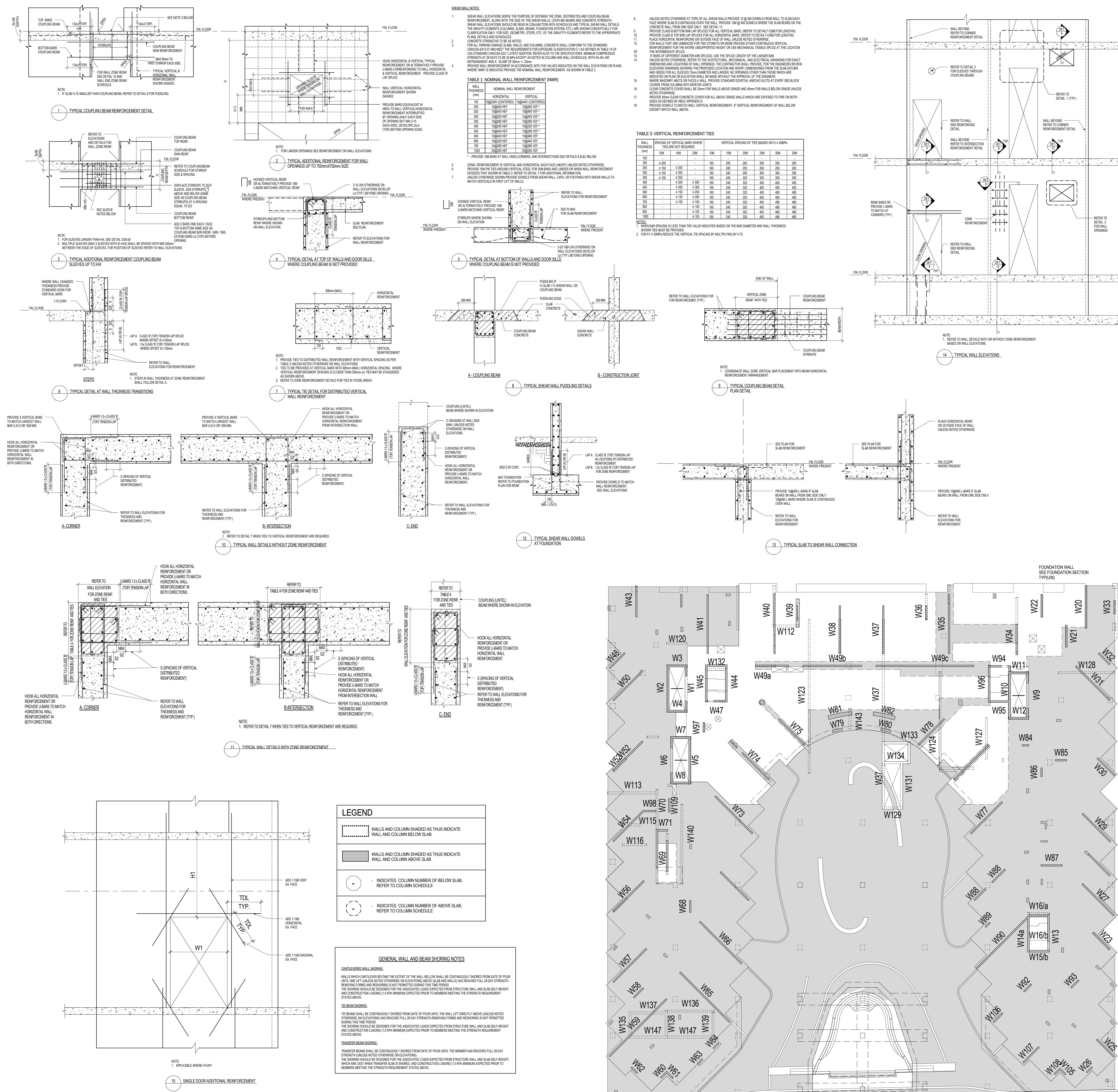
CONCRETE COLUMN SCHEDULE (LEVEL 2 AND BELOW)																																							
COLUMN NUMBER	GC40	GC41	GC42	GC43	GC44	GC45	GC46	GC47	GC48	GC49	GC50	GC52	GC53	GC53	GC54	GC55	GC57	GC58	GC58	GC59	GC60	GC61	GC62	GC63	GC64	GC65	GC66	GC67	GC67	GC68	GC69	GC71	COLUMN NUMBER						
LEVEL 2																																LEVEL 2							
8400	SIZE VER. REIN. TIES STRENGTH	600X700 15.5MM V 10M@300 35 MPa	600X900 22.5MM V 10M@300 45 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 12.5MM V 10M@300 35 MPa	700X900 22.5MM V 10M@300 45 MPa	600X700 15.5MM V 10M@300 35 MPa	700X700 10.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X750 14.5MM V 10M@300 45 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	8400									
LEVEL 1 MEZZ																																LEVEL 1 MEZZ							
8020	SIZE VER. REIN. TIES STRENGTH	600X700 14.5MM V 10M@300 35 MPa	600X800 15.5MM V 10M@300 45 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 12.5MM V 10M@300 35 MPa	700X900 22.5MM V 10M@300 45 MPa	600X700 15.5MM V 10M@300 35 MPa	700X700 10.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X750 14.5MM V 10M@300 45 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 12.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	600X700 10.5MM V 10M@300 35 MPa	8020										
LEVEL 1																																LEVEL 1							
7700	SIZE VER. REIN. TIES STRENGTH	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	7700										
LEVEL P1 MEZZ																																LEVEL P1 MEZZ							
7500	SIZE VER. REIN. TIES STRENGTH	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	7500										
LEVEL P1																																LEVEL P1							
7200	SIZE VER. REIN. TIES STRENGTH	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	7200										
LEVEL P2																																LEVEL P2							
6940	SIZE VER. REIN. TIES STRENGTH	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	6940										
LEVEL P3																																LEVEL P3							
6600	SIZE VER. REIN. TIES STRENGTH	600X800 14.5MM V 10M@300 45 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	6600										
LEVEL P4																																LEVEL P4							
6300	SIZE VER. REIN. TIES STRENGTH	600X800 14.5MM V 10M@300 45 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	600X700 14.5MM V 10M@300 35 MPa	6300										
COLUMN LOADINGS	1000	700	900	1100	1000	700	400	500	1000	400	600	500	800	1200	600	600	1200	600	1200	600	1200	600	1200	600	1200	600	1200	600	1200	600	1200	600	COLUMN LOADINGS						
COLUMN NUMBER	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	COLUMN NUMBER			

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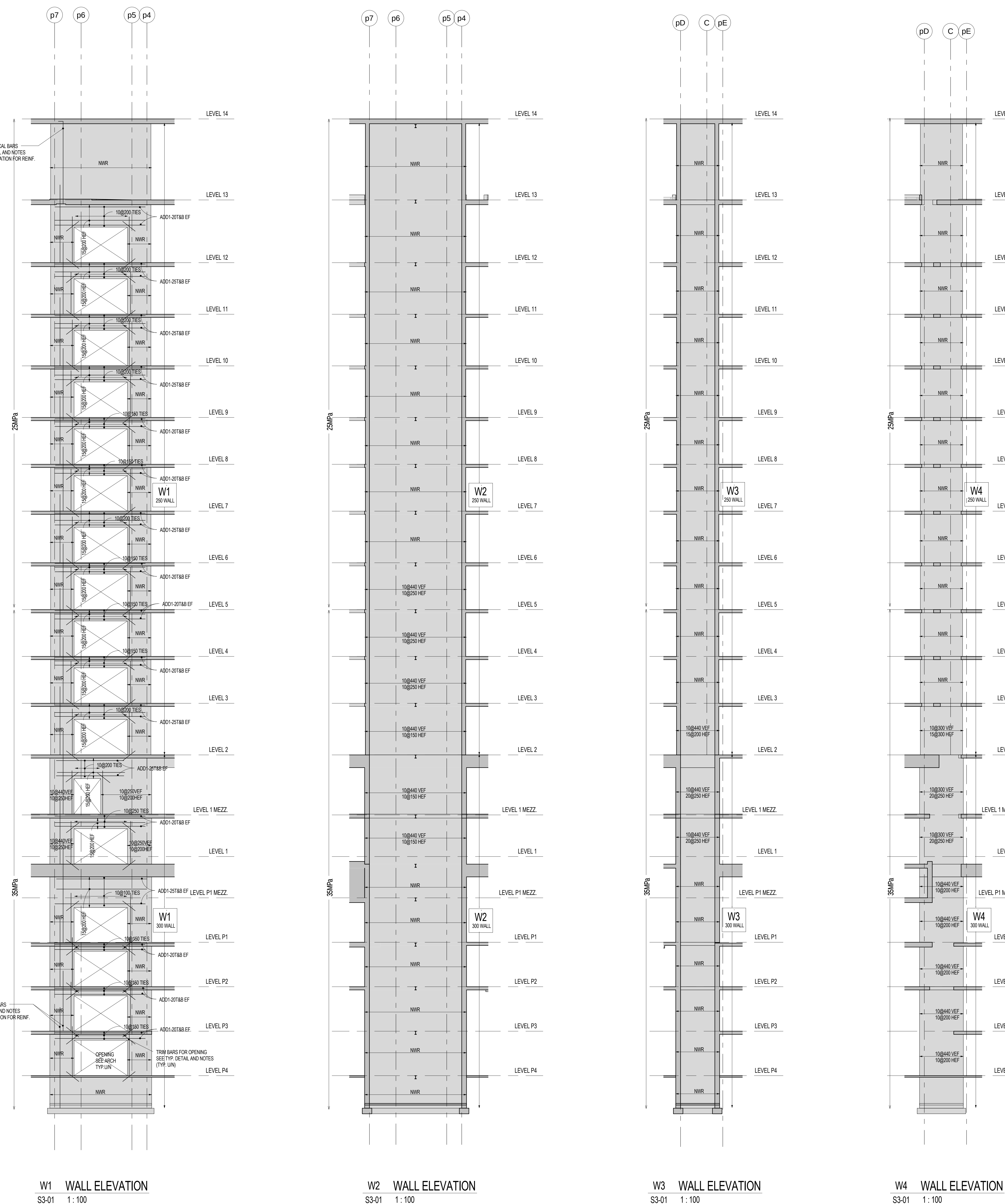
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SEE COLUMN NSCHEDULE NOTES ON S2-01





WALL ELEVATION KEY PLAN
1:175

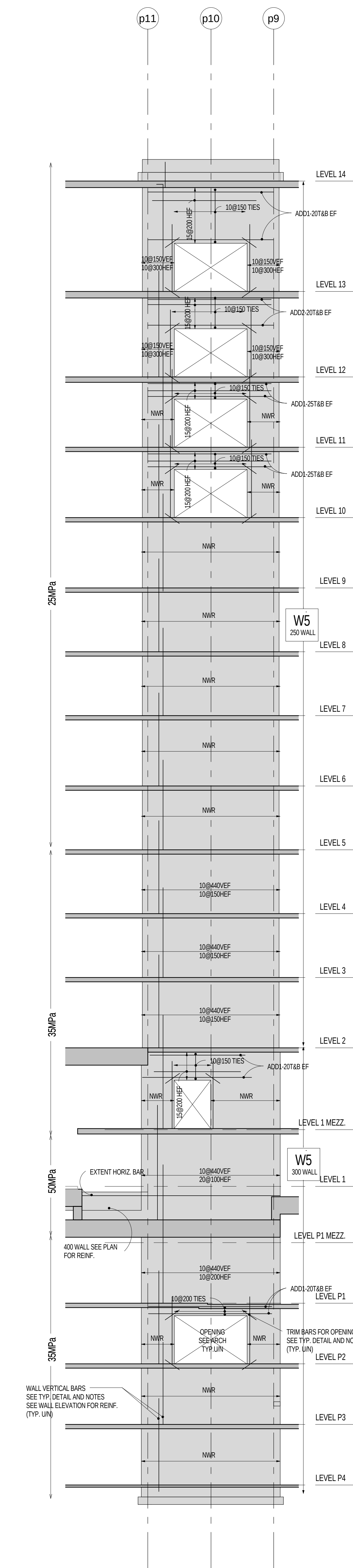


W1	WALL ELEVATION
S3-01	1:100

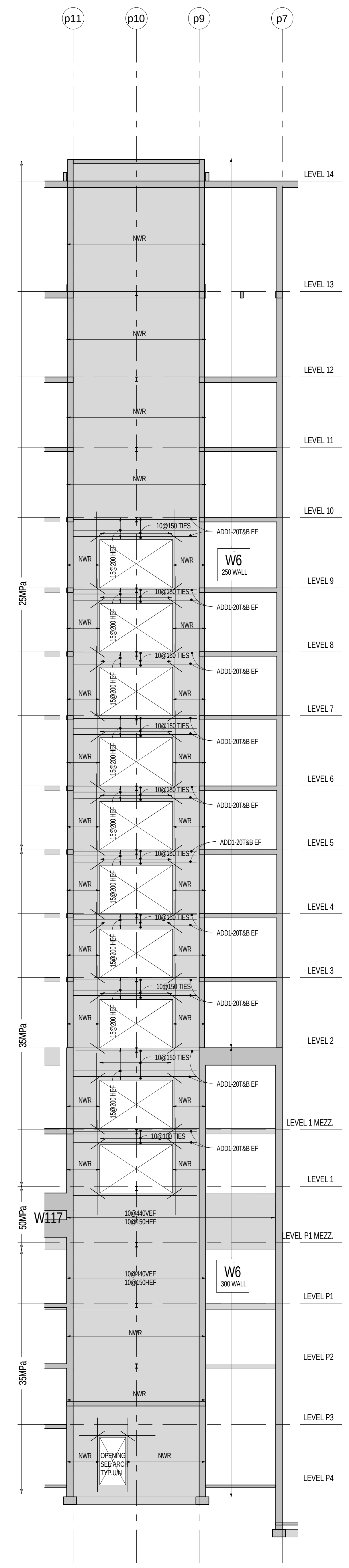
W2	WALL ELEVATION
S3-01	1 : 100

W3	WALL ELEVATION
S3-01	1 : 100

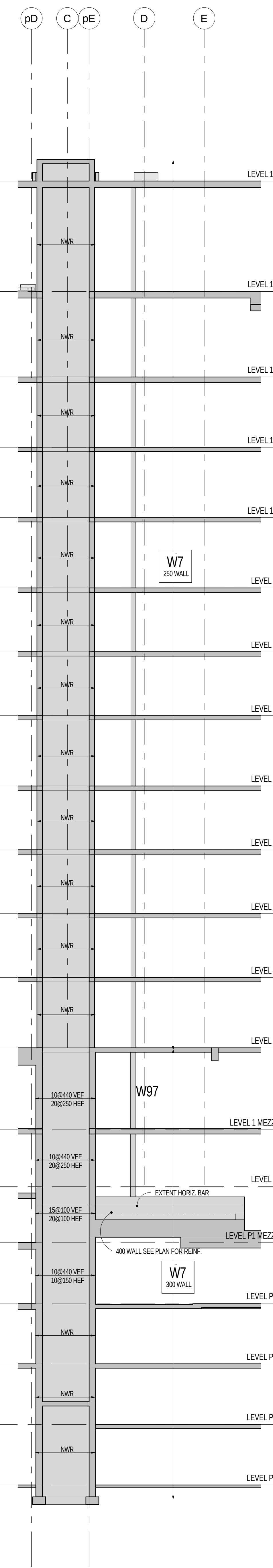
W4	WALL ELEVATION
S3-01	1:100



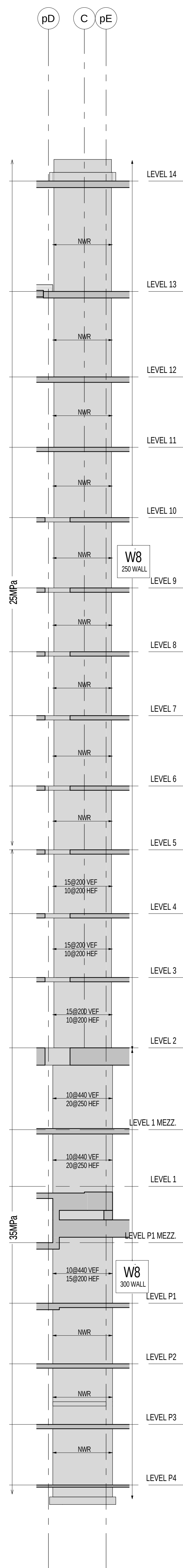
W5 WALL ELEVATION
S3-02 1:100



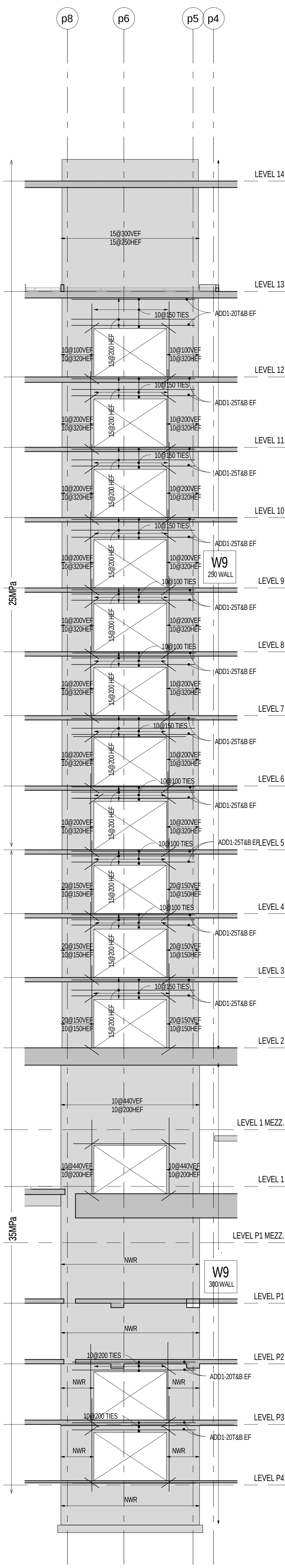
W6 WALL ELEVATION
S3-02 1:100



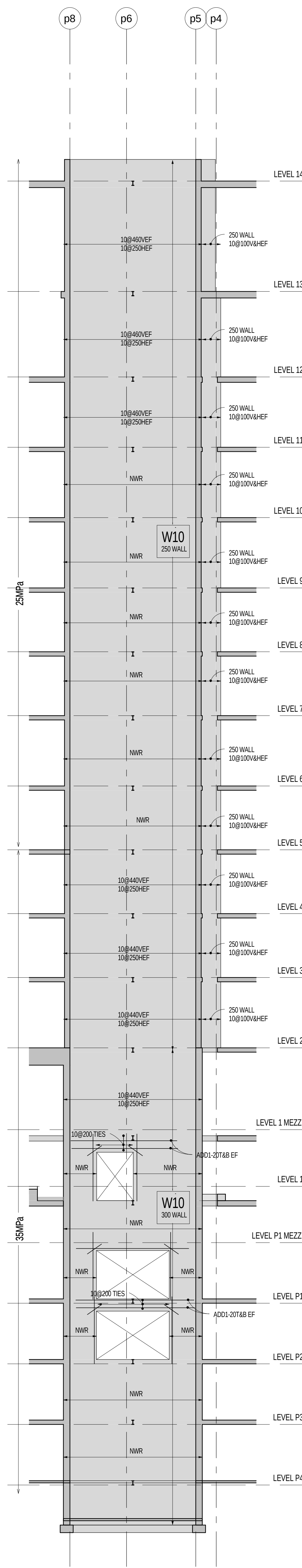
W7 WALL ELEVATION
S3-02 1:100



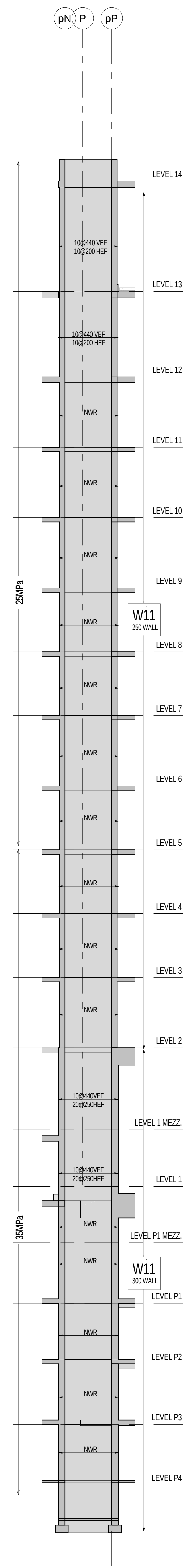
W8 WALL ELEVATION
S3-02 1:100



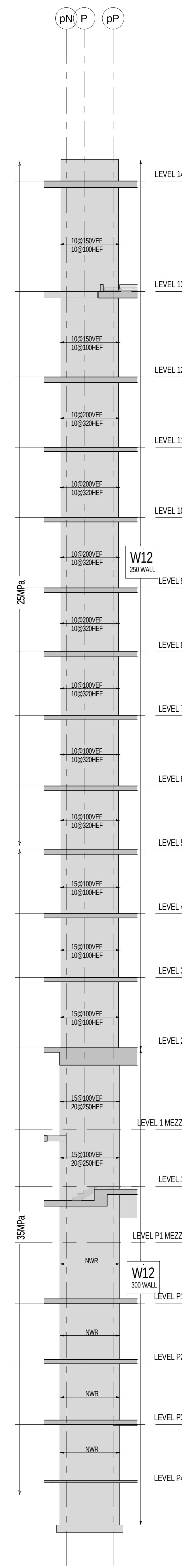
W9 WALL ELEVATION
S3-02 1:100



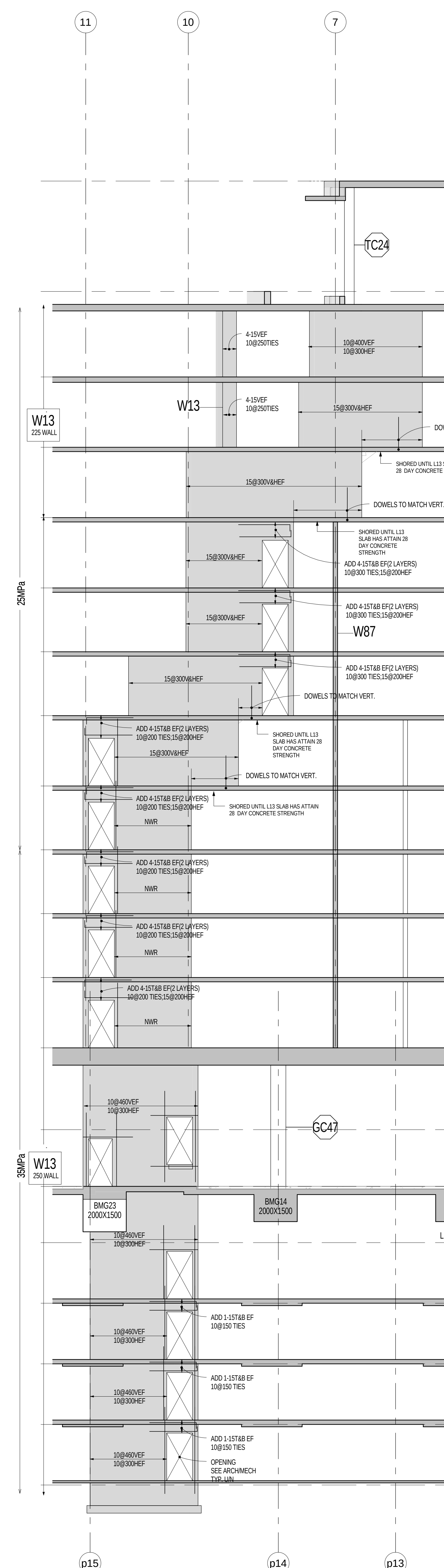
W10 WALL ELEVATION
S3-02 1:100



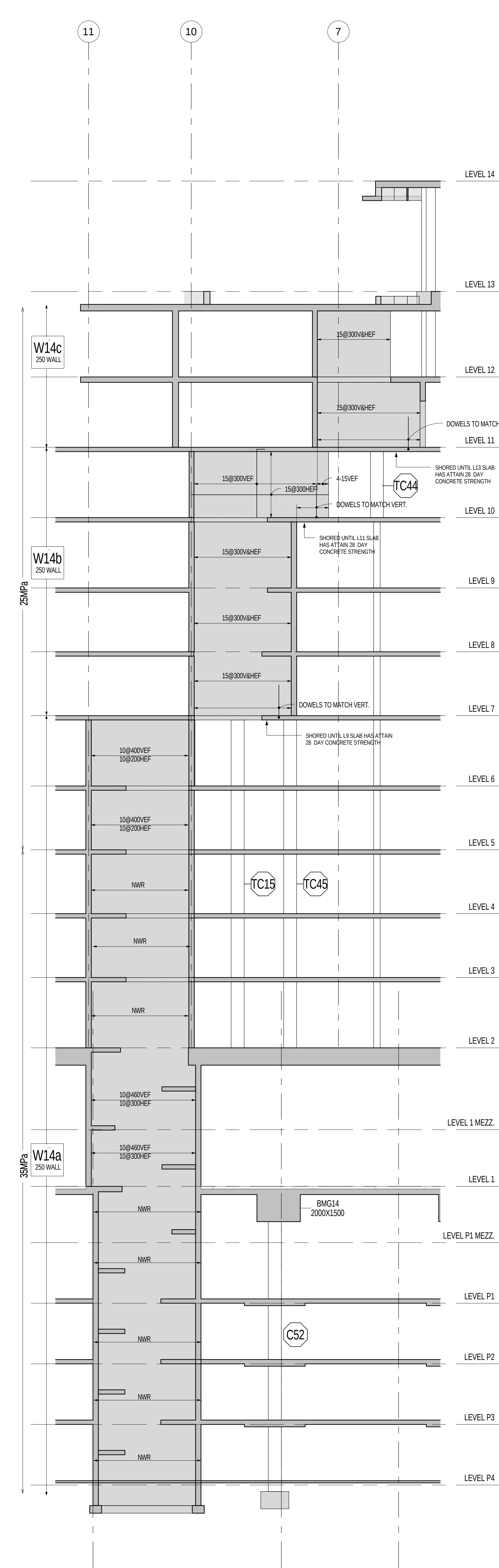
W11 WALL ELEVATION
S3-02 1:100



W12 WALL ELEVATION
S3-02 1:100

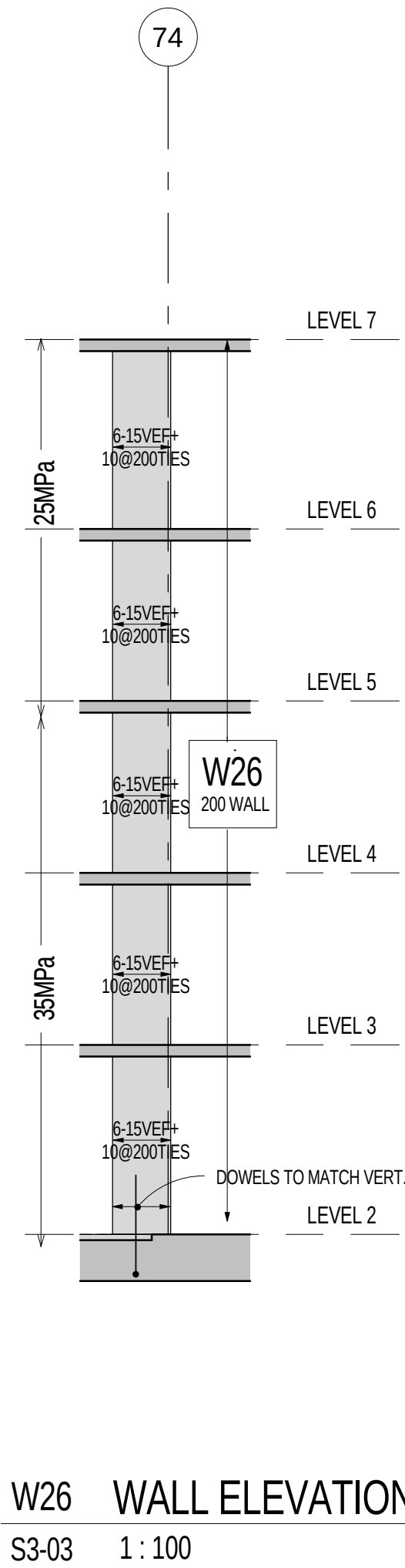
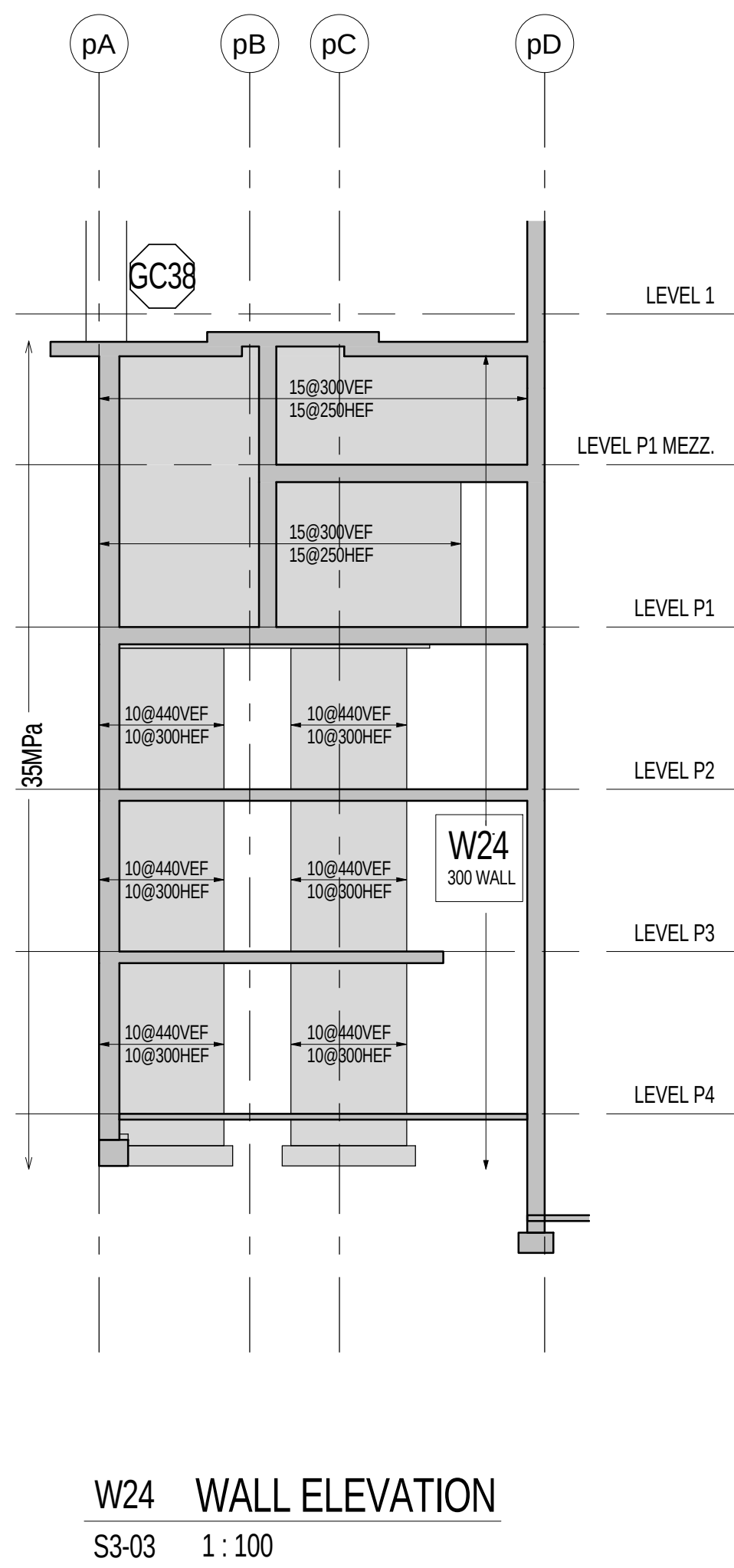
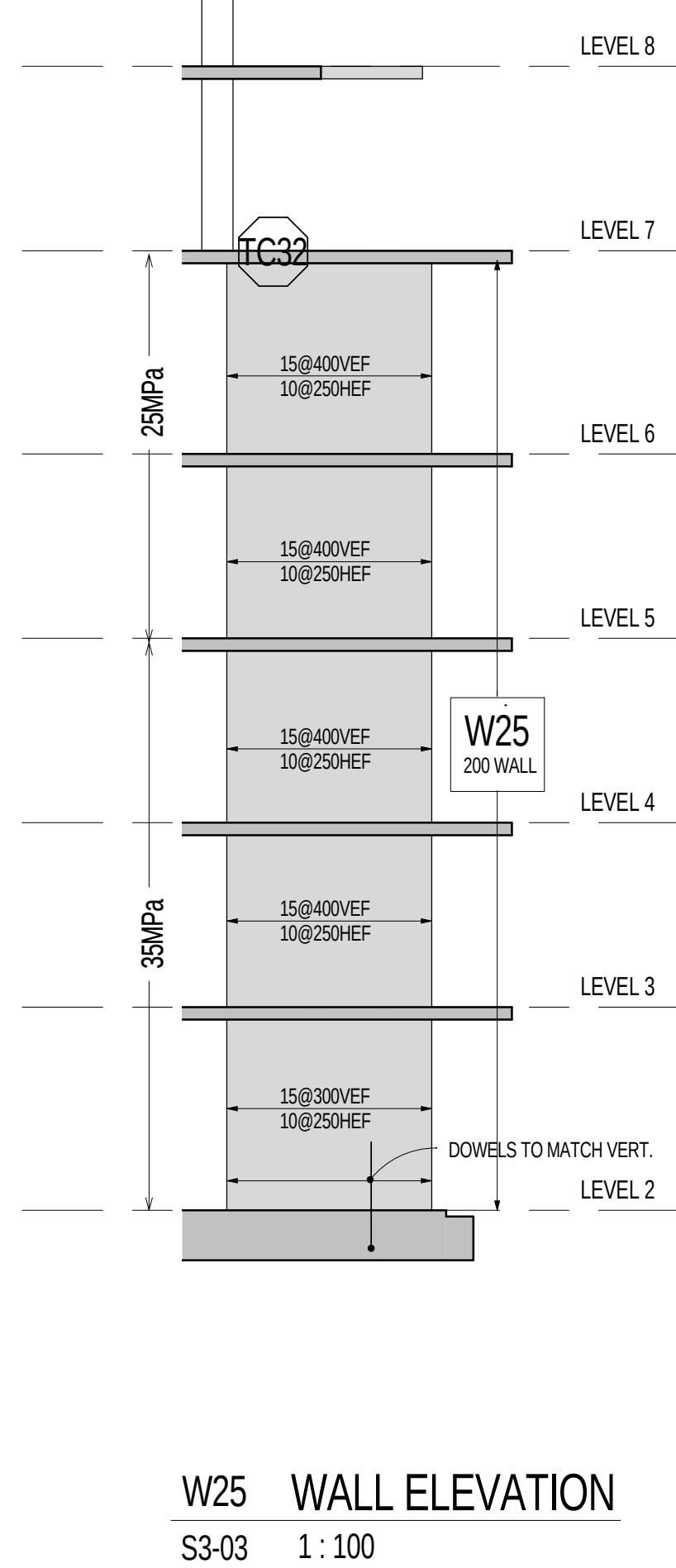
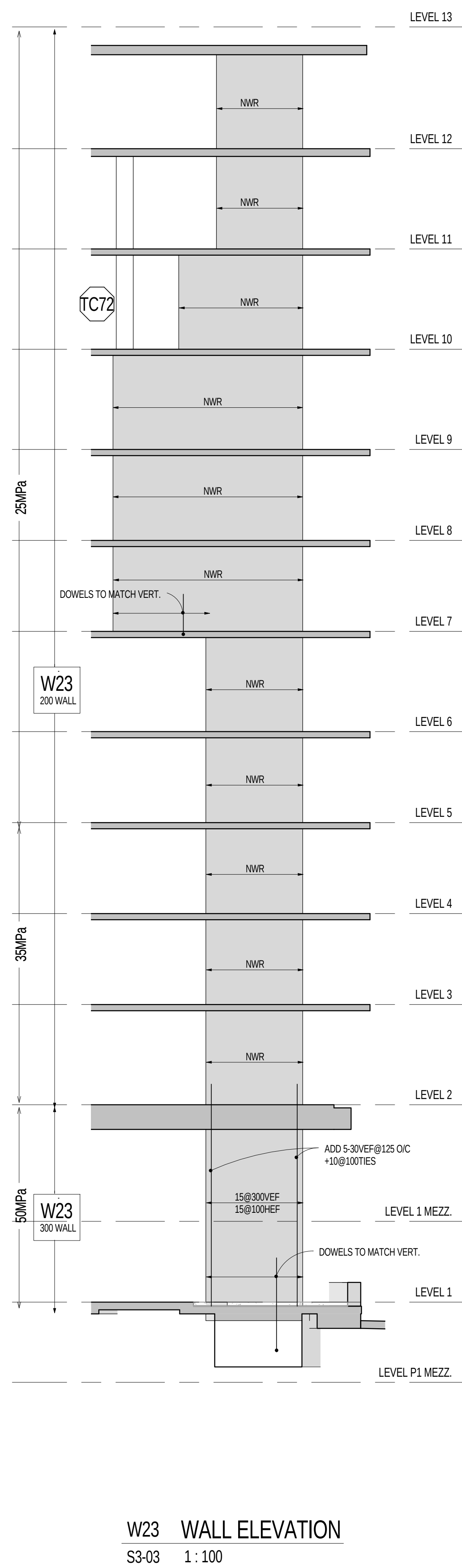
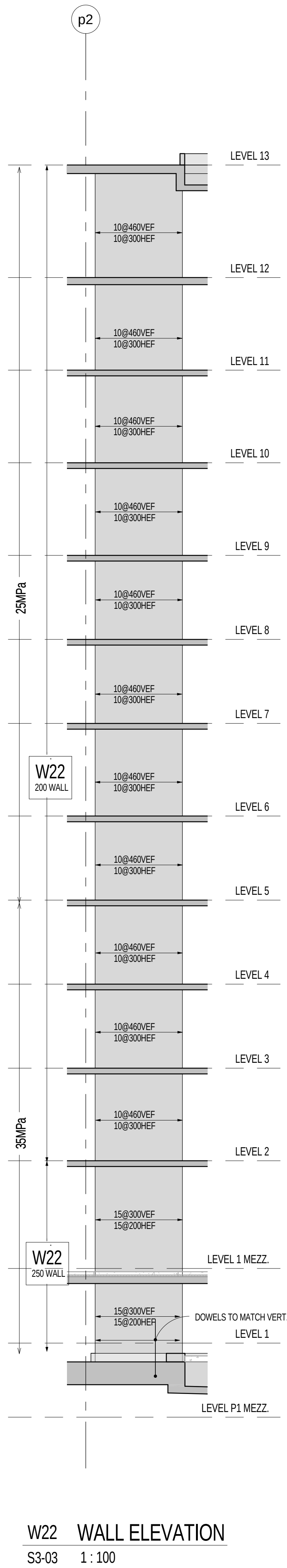
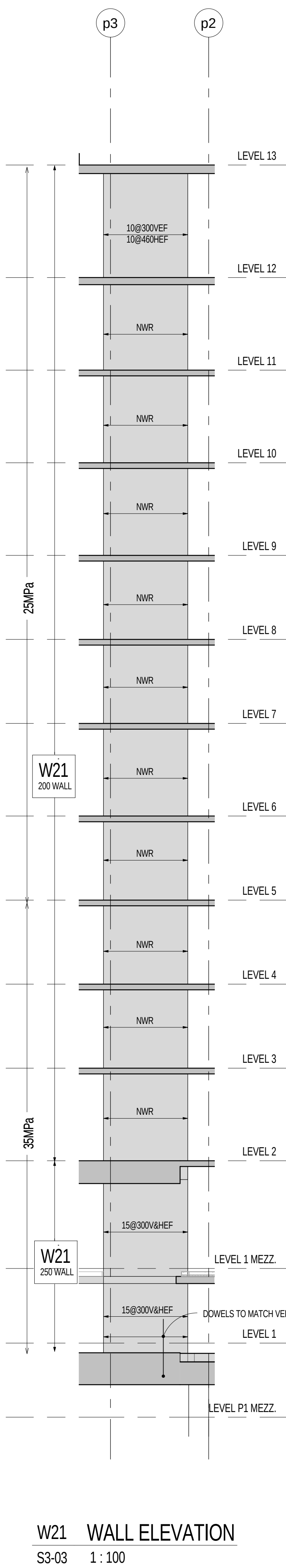
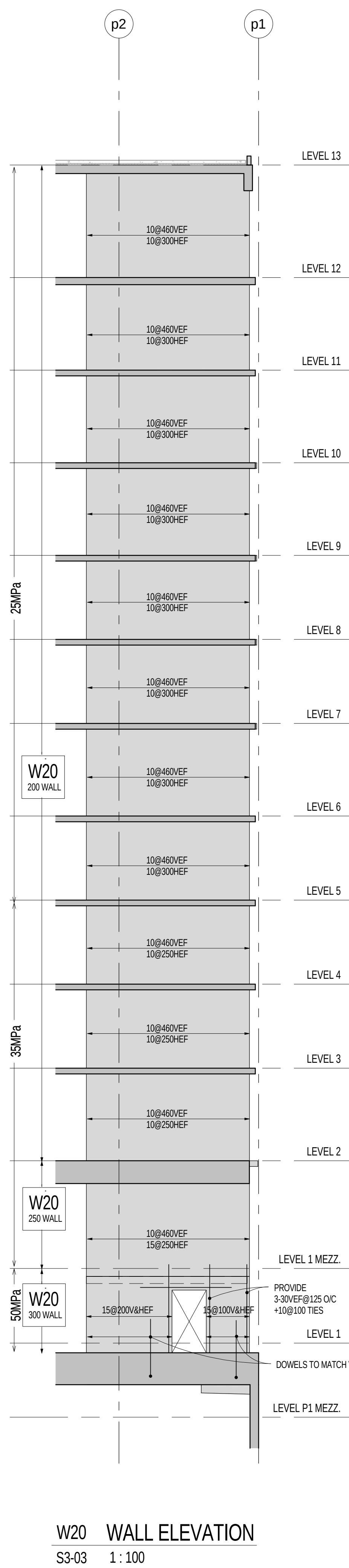
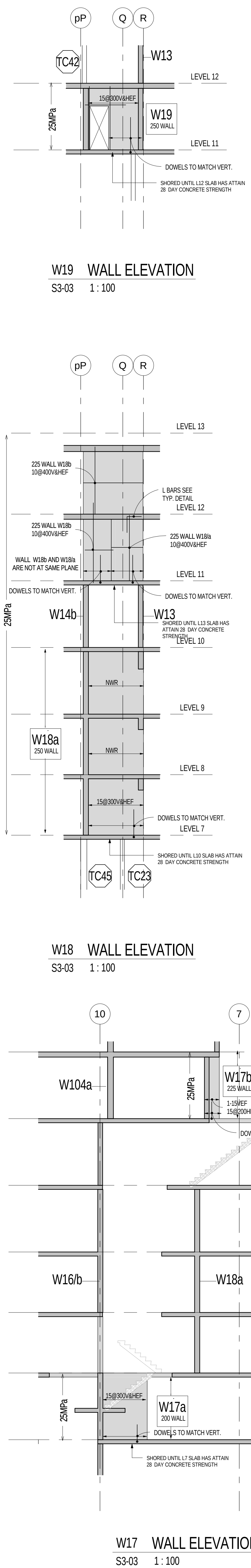
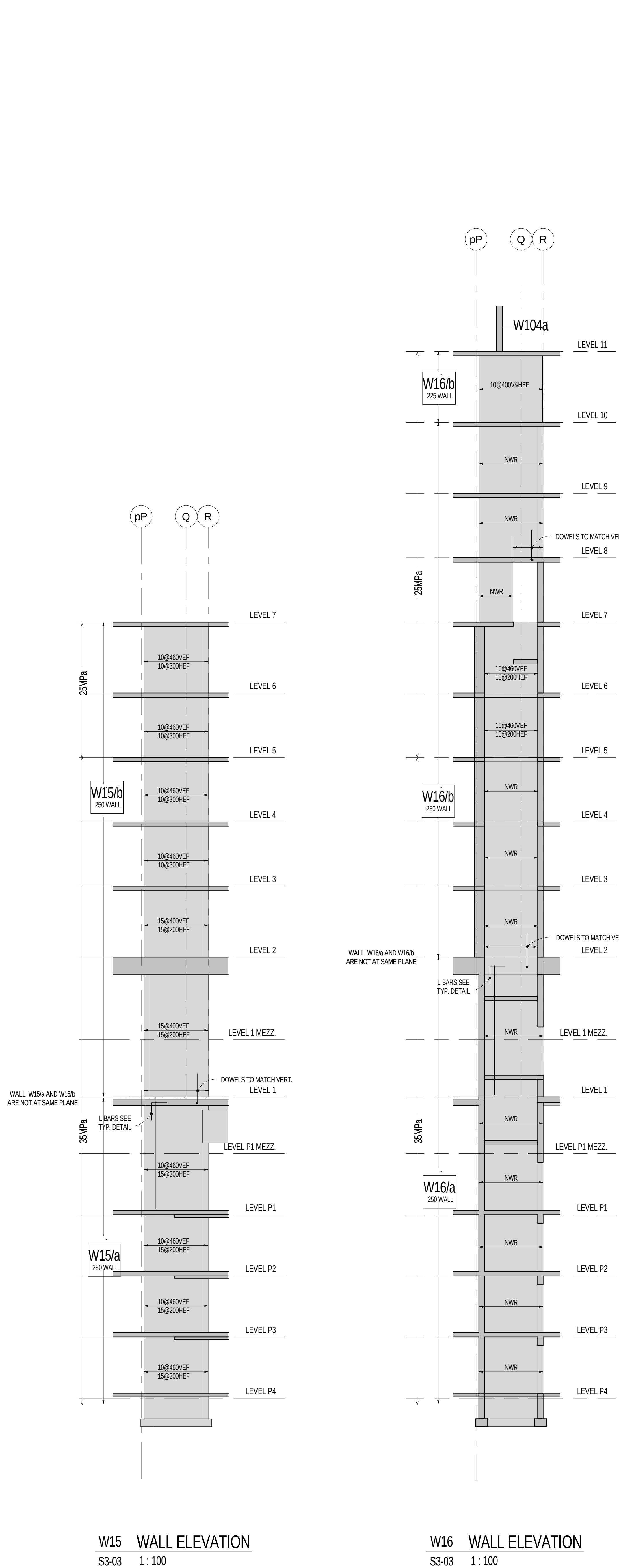


W13 WALL ELEVATION
S3-02 1:100

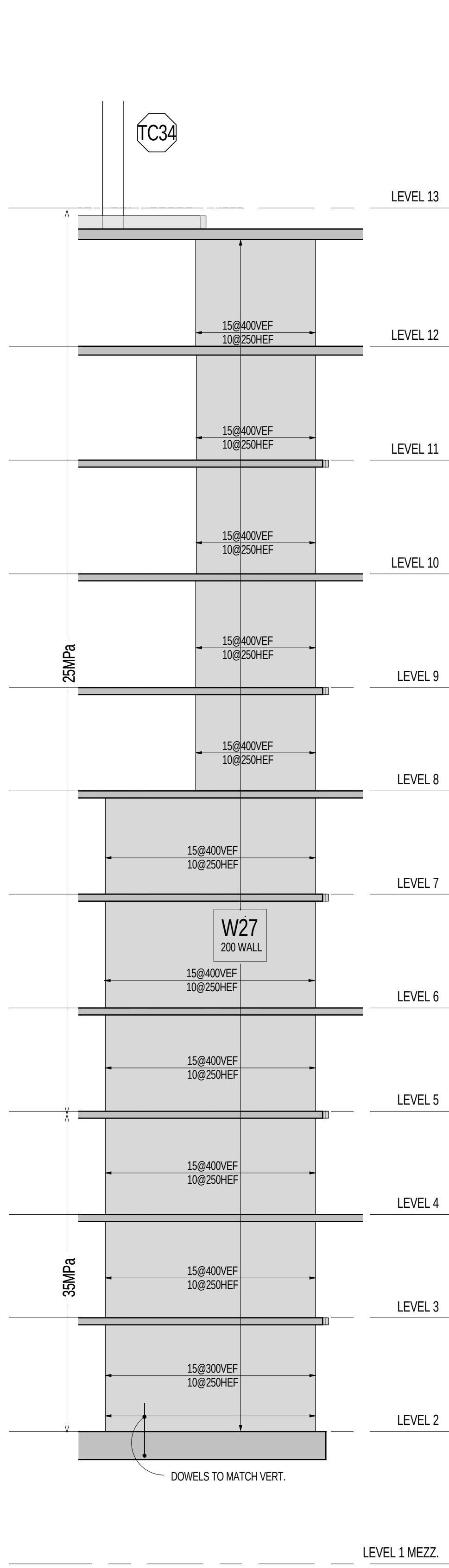


W14 WALL ELEVATION
S3-02 1:100

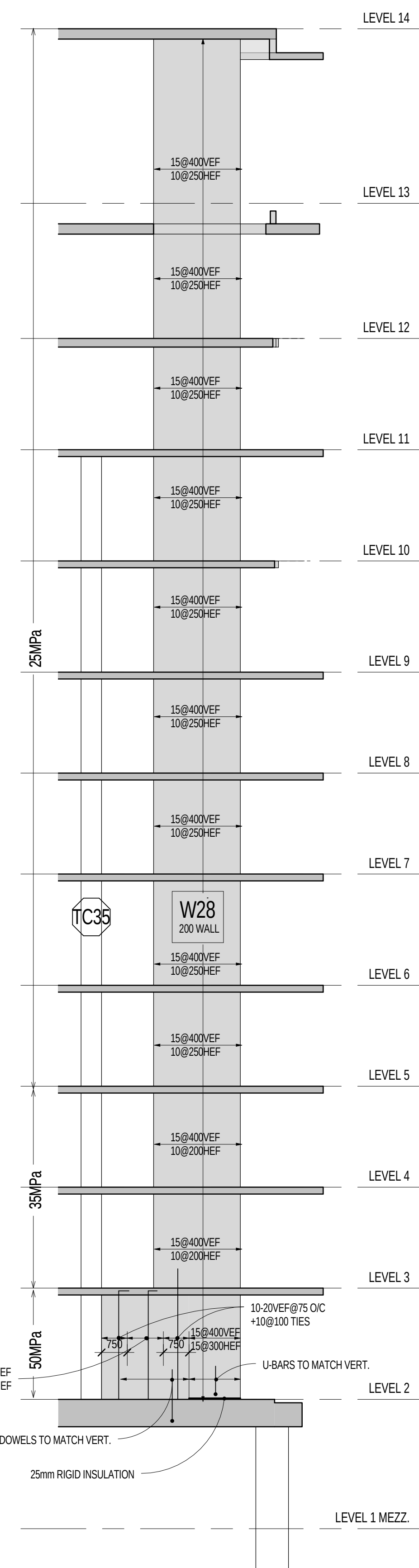
REFER TO NOTES ON SHEET S3-01



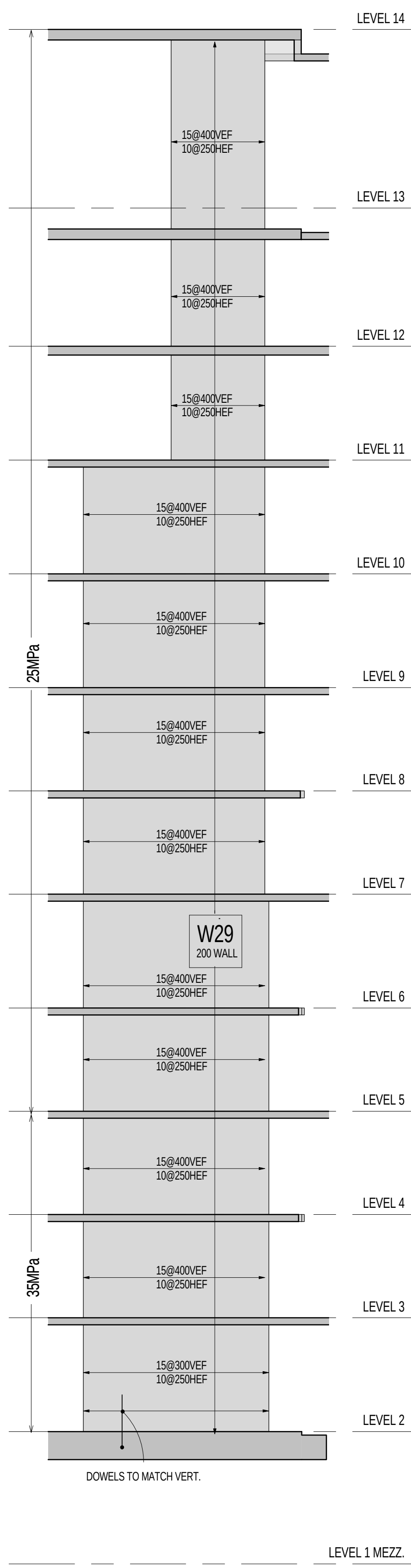
REFER TO NOTES ON SHEET S3-01



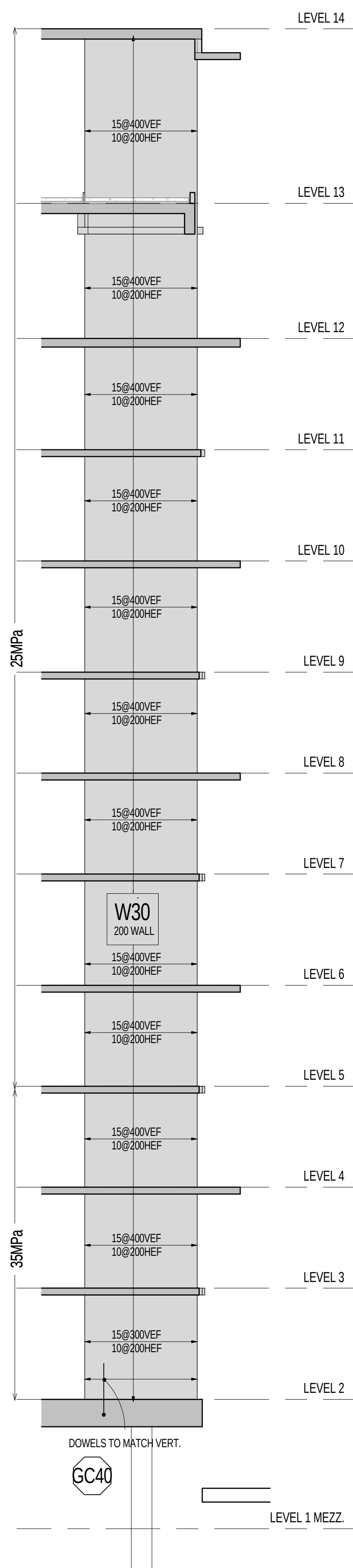
W27 WALL ELEVATION
S3-04 1:100



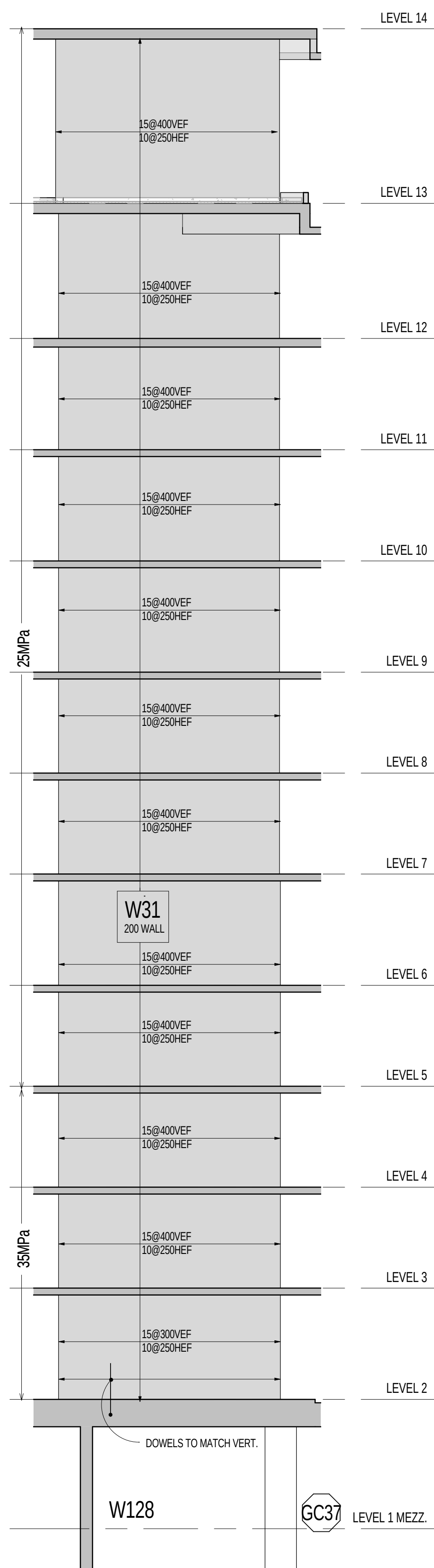
W28 WALL ELEVATION
S3-04 1:100



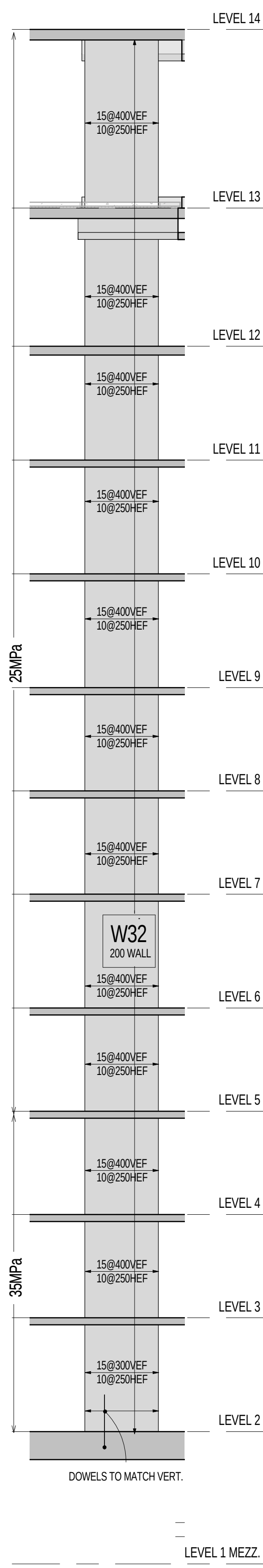
W29 WALL ELEVATION
S3-04 1:100



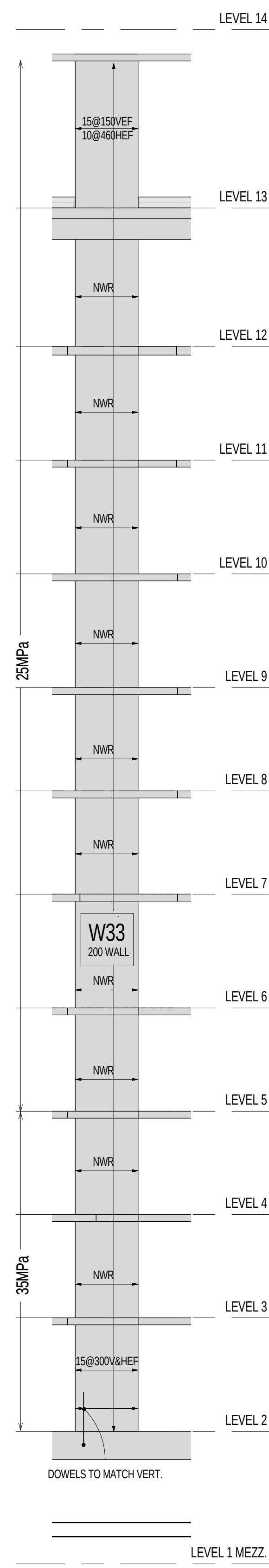
W30 WALL ELEVATION
S3-04 1:100



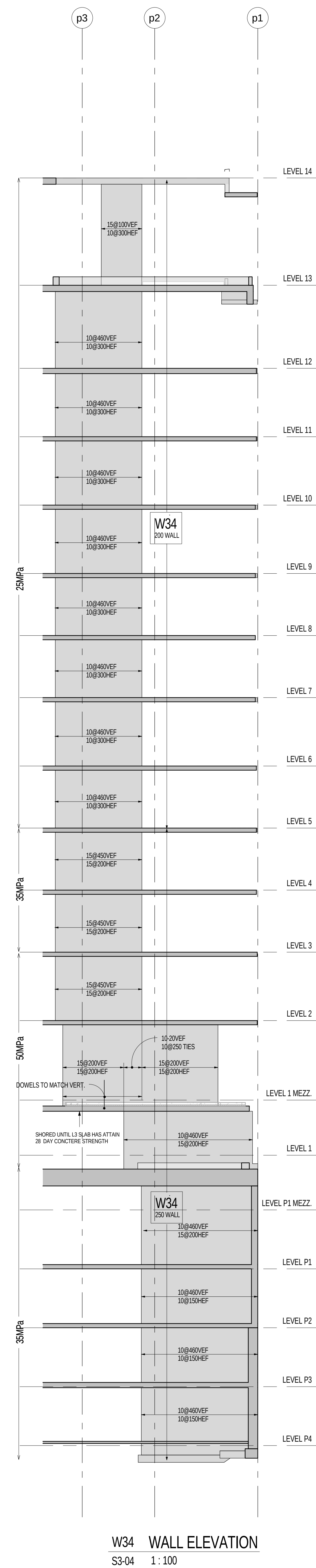
W31 WALL ELEVATION
S3-04 1:100



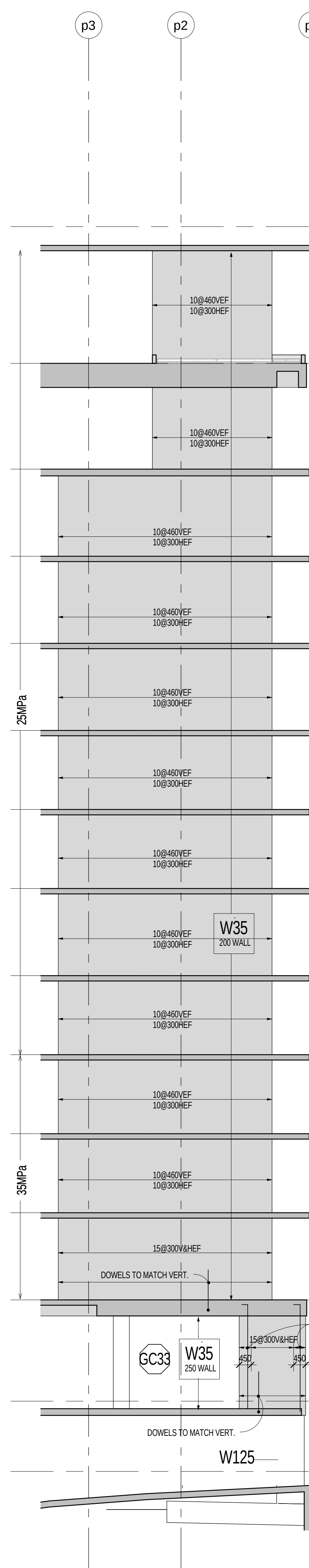
W32 WALL ELEVATION
S3-04 1:100



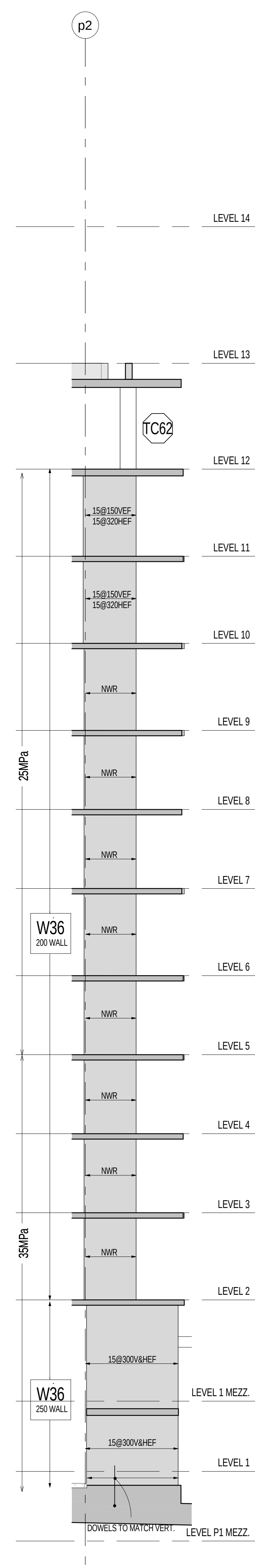
W33 WALL ELEVATION
S3-04 1:100



W34 WALL ELEVATION
S3-04 1:100

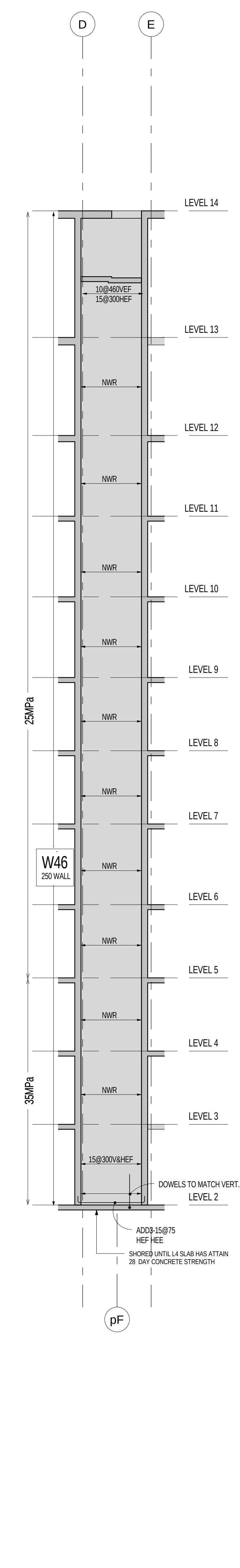
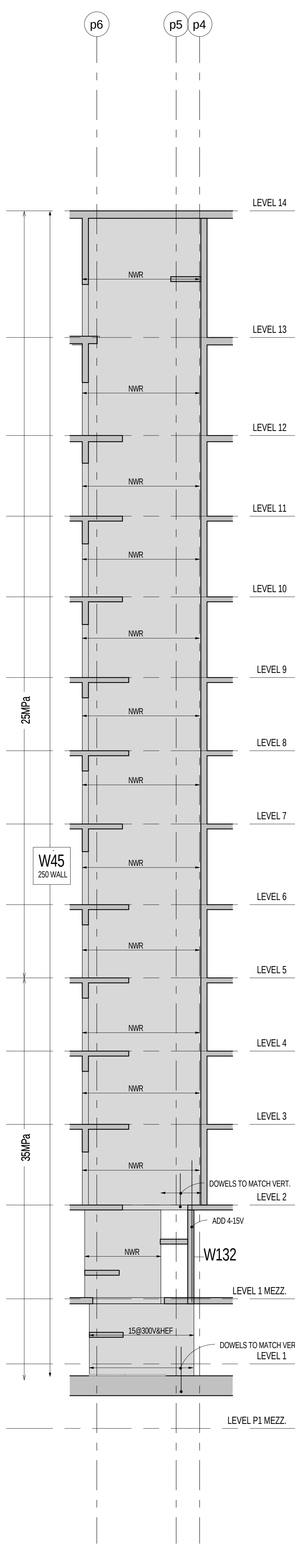
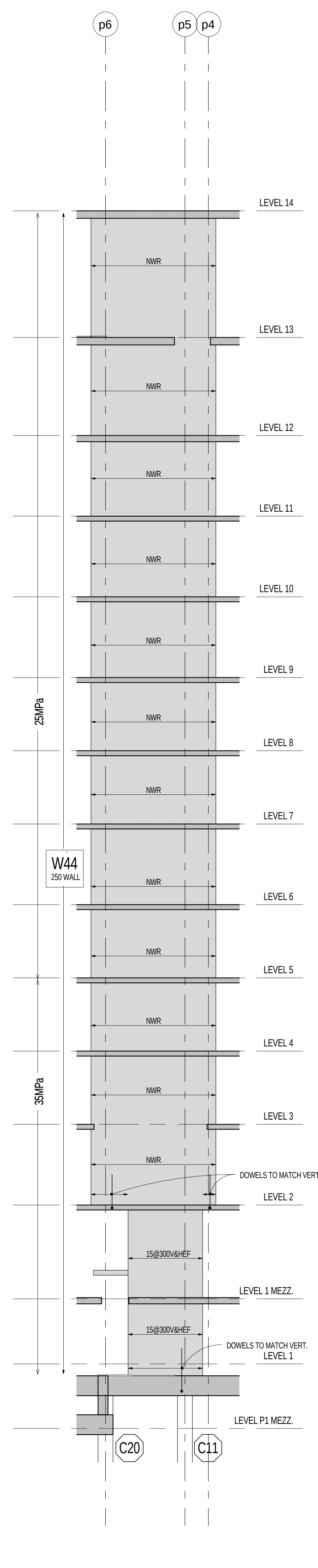
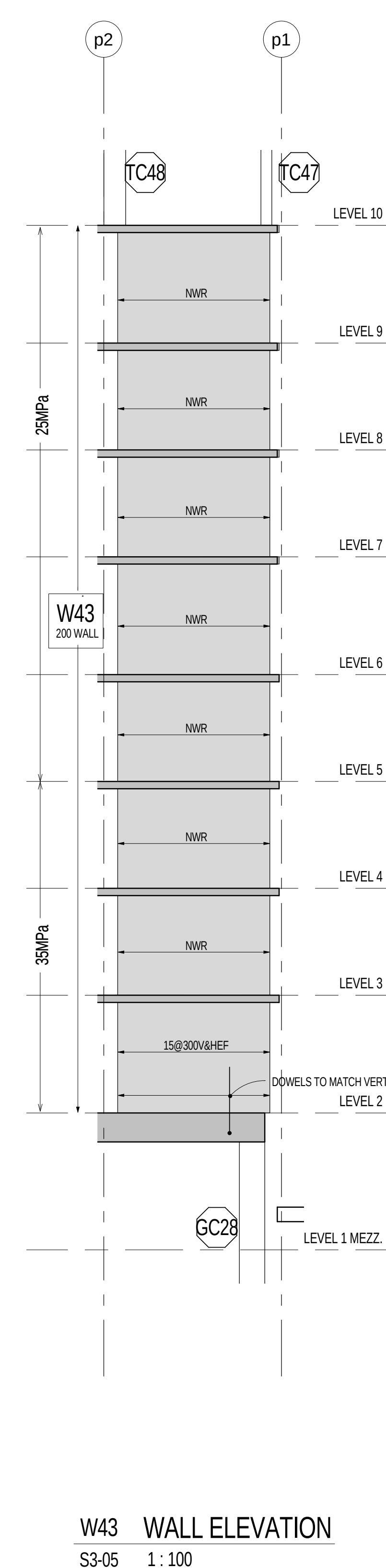
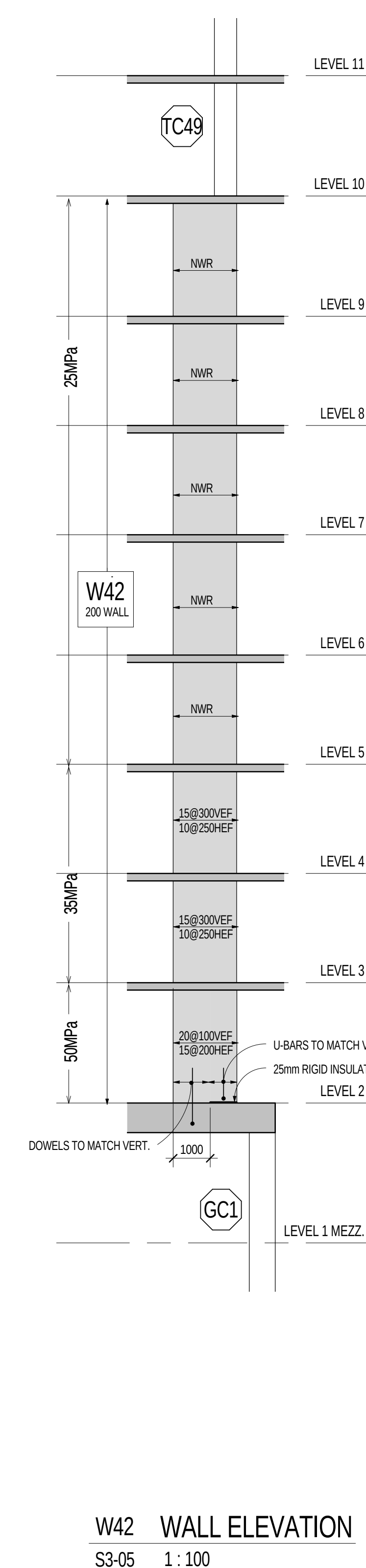
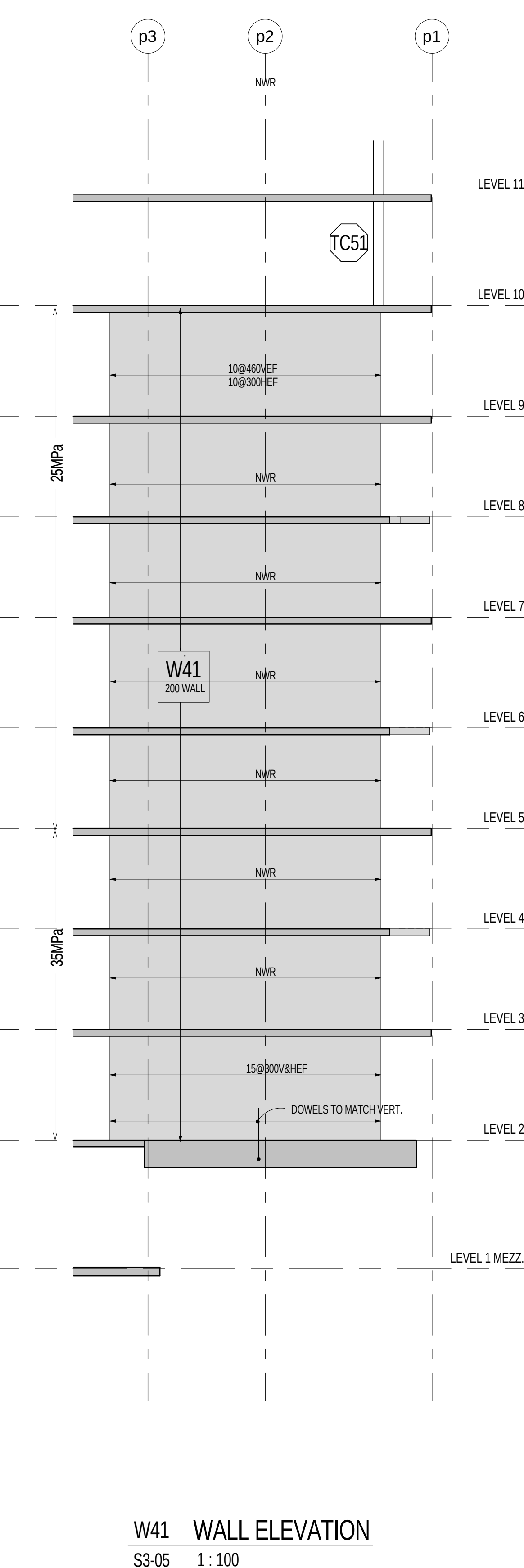
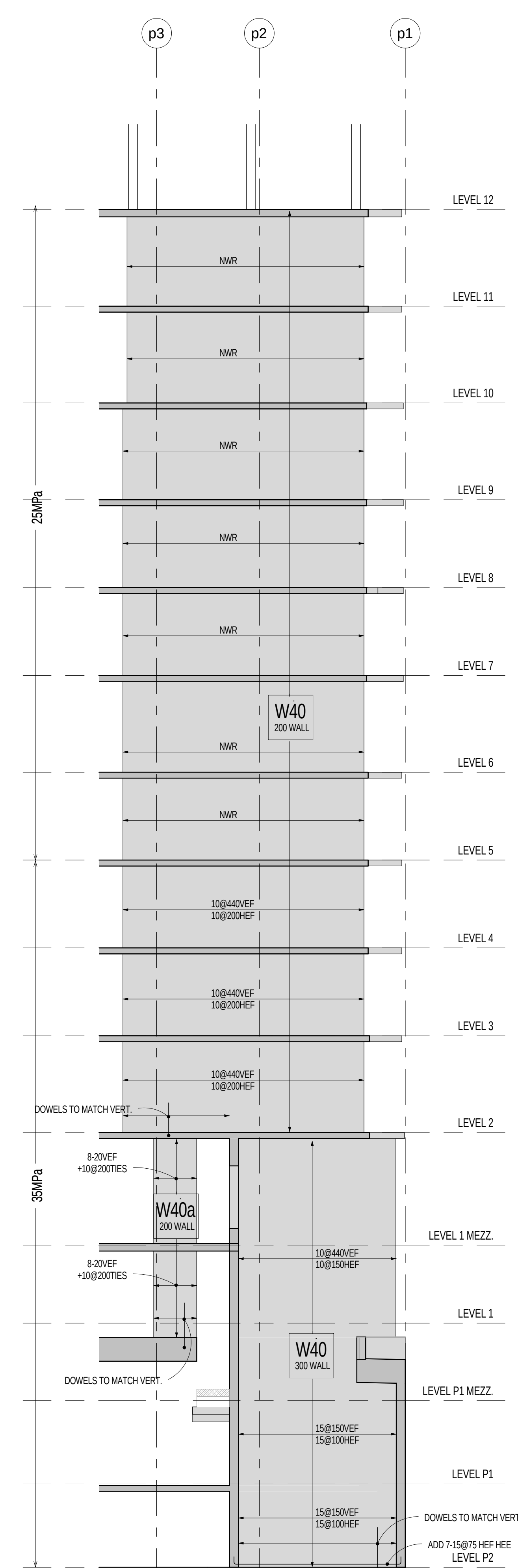
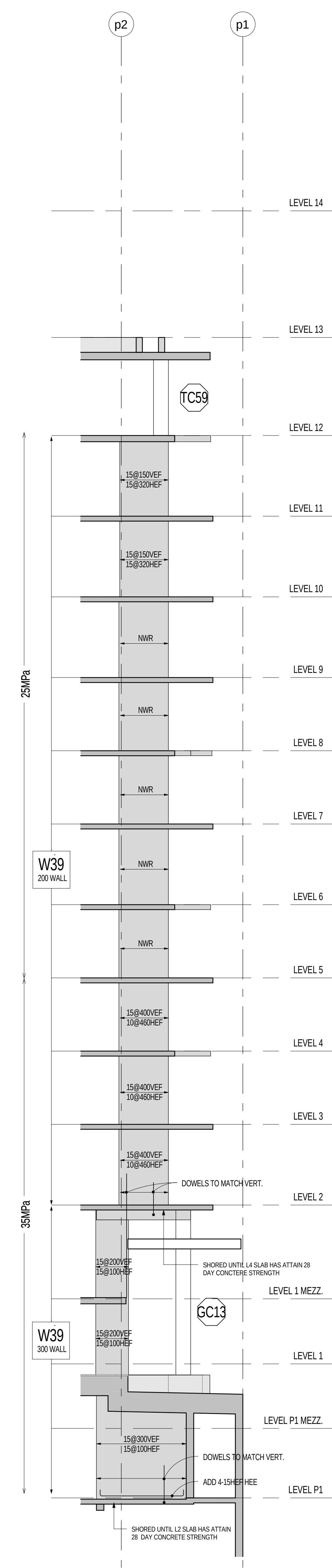
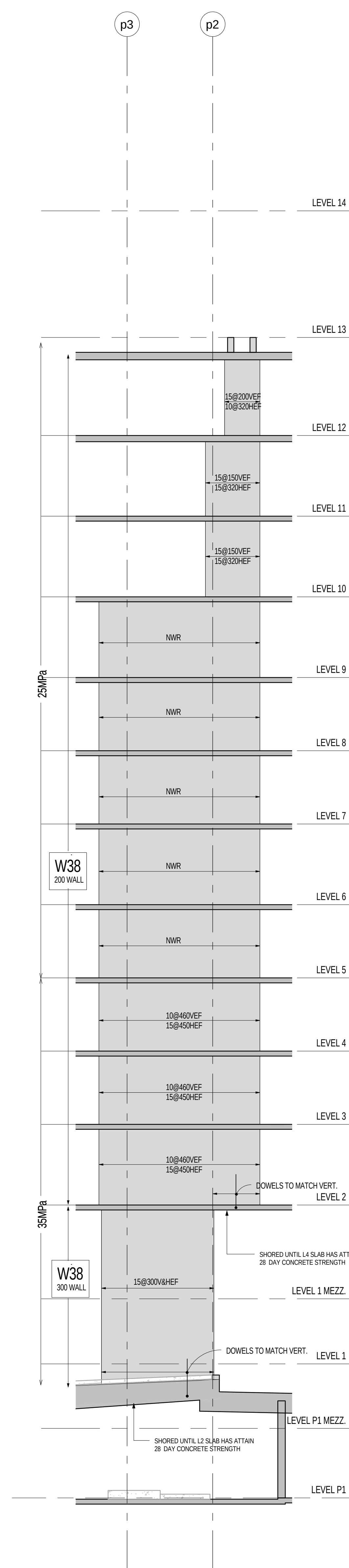


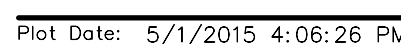
W35 WALL ELEVATION
S3-04 1:100

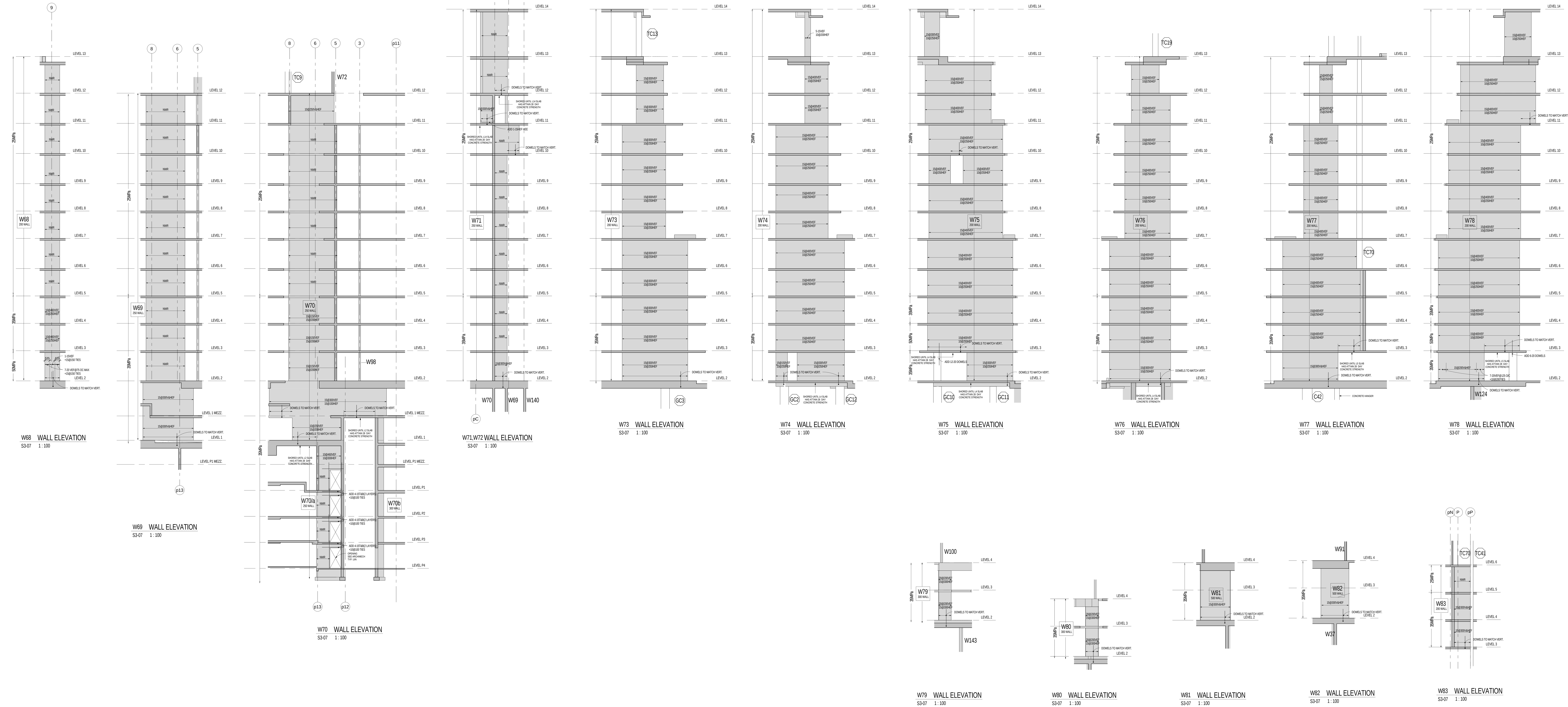


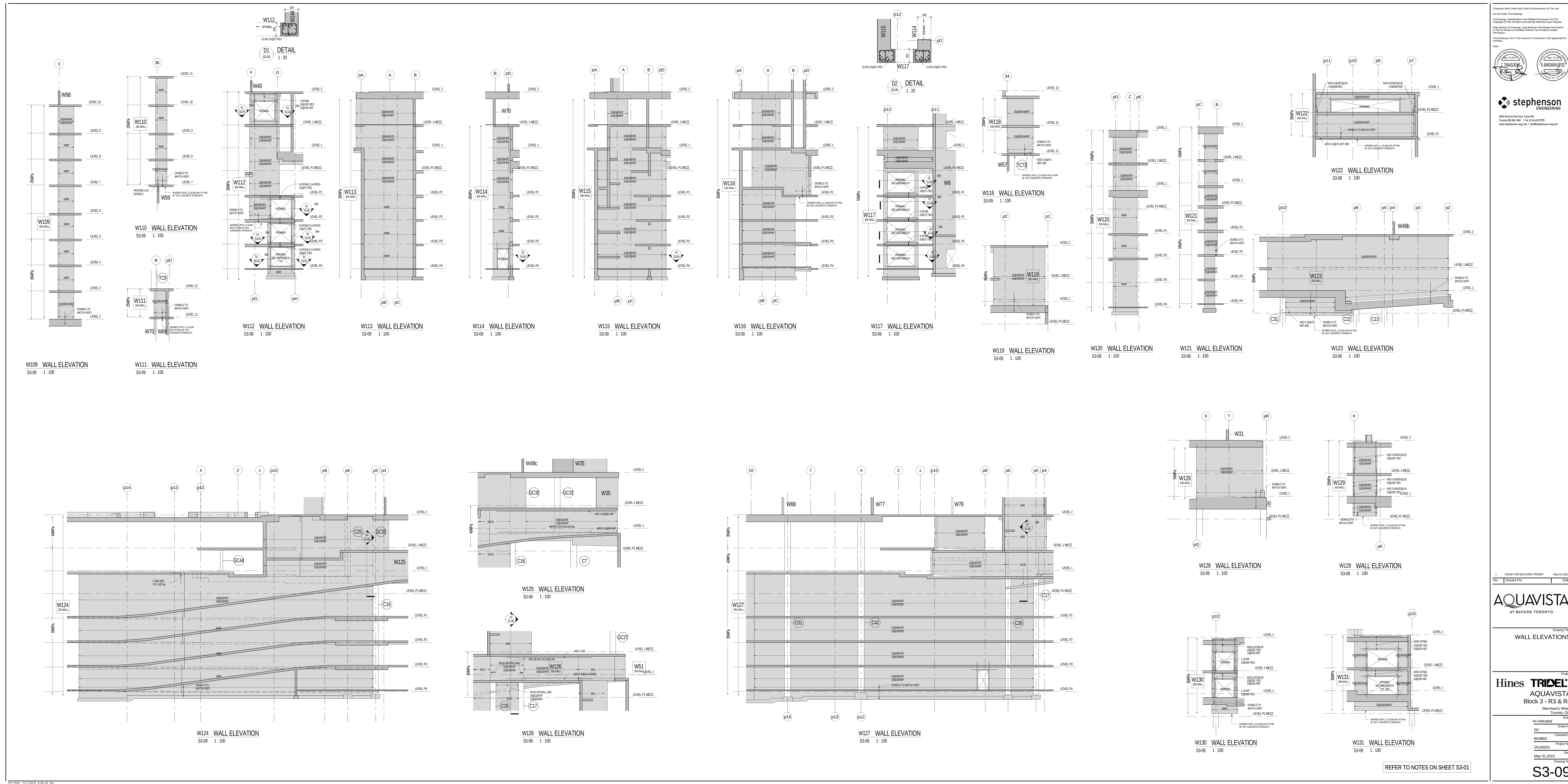
W36 WALL ELEVATION
S3-04 1:100

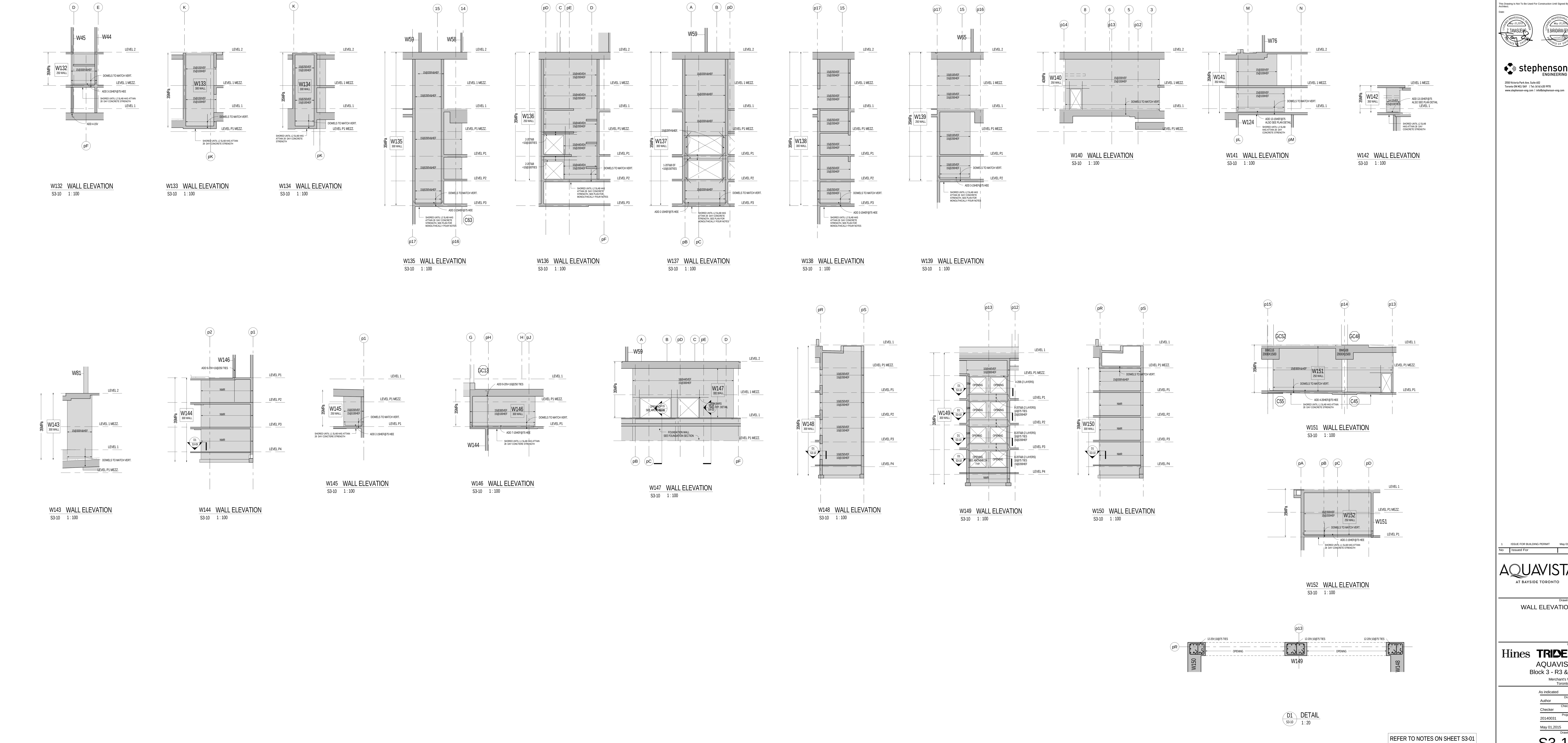
REFER TO NOTES ON SHEET S3-01

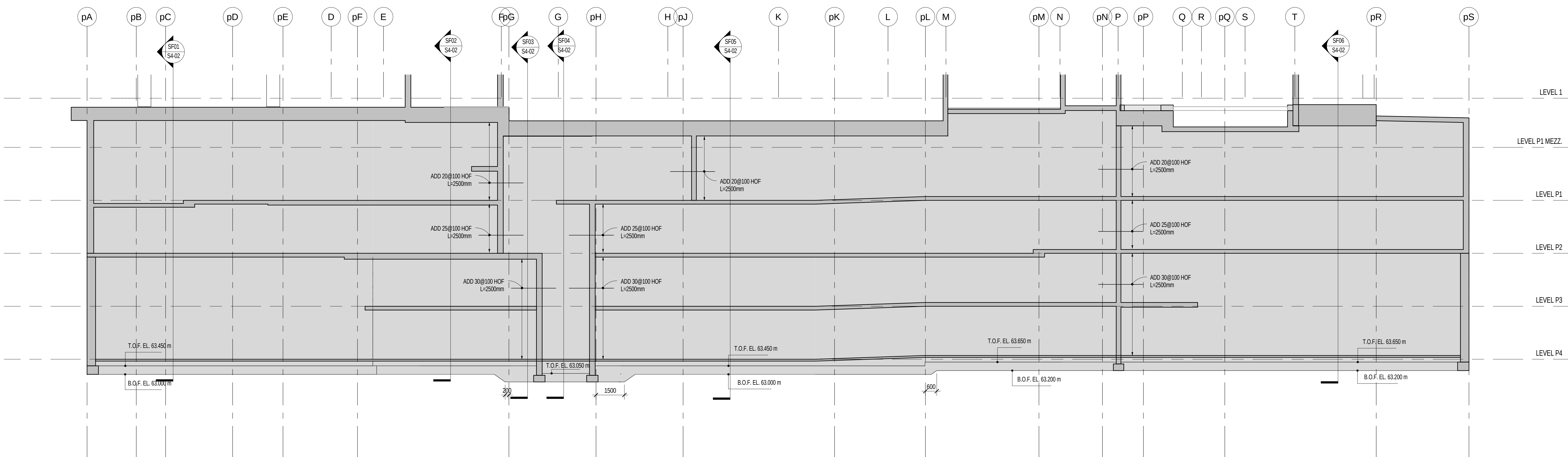




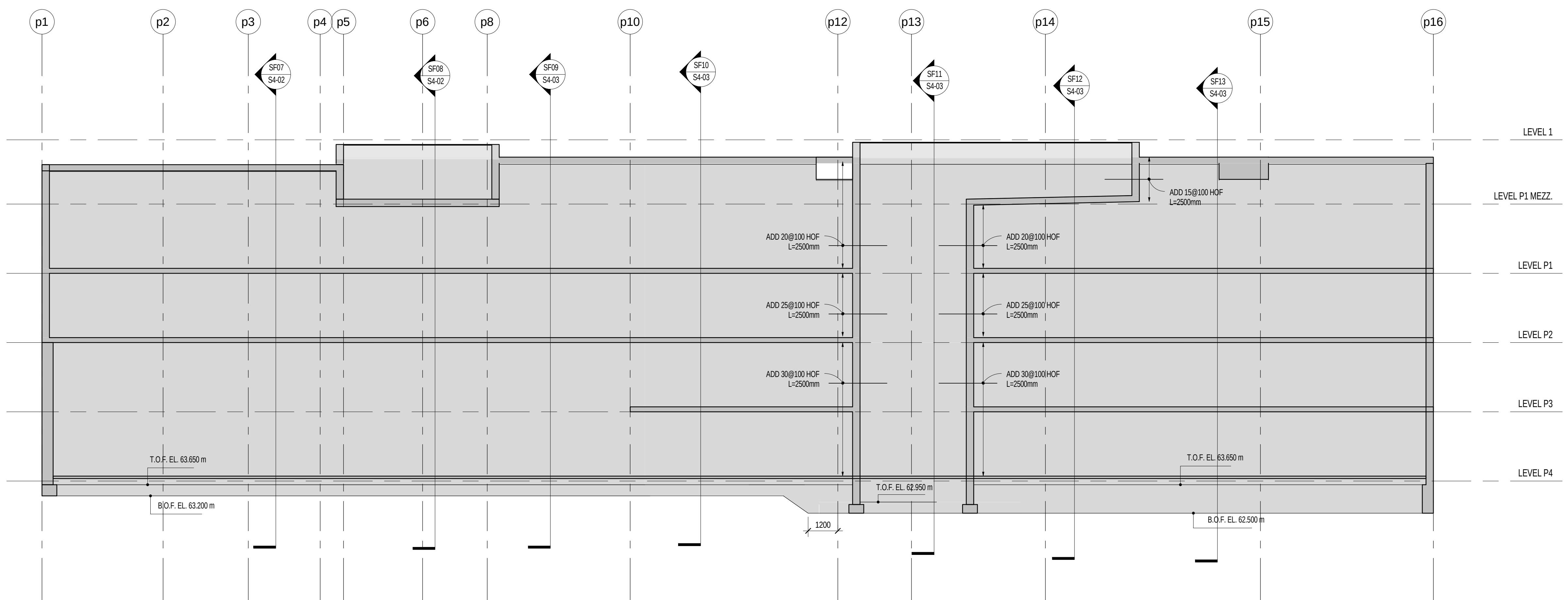




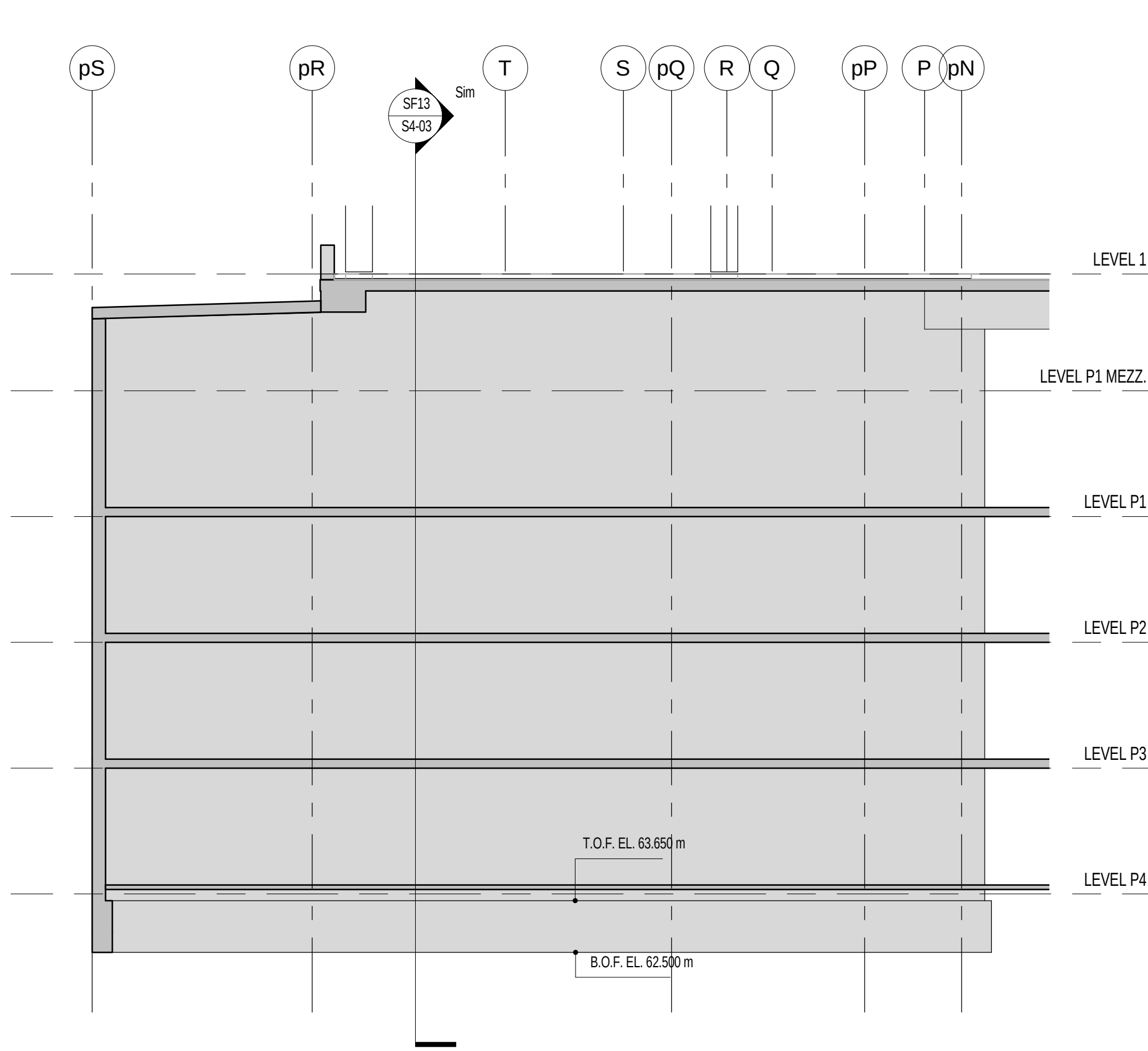




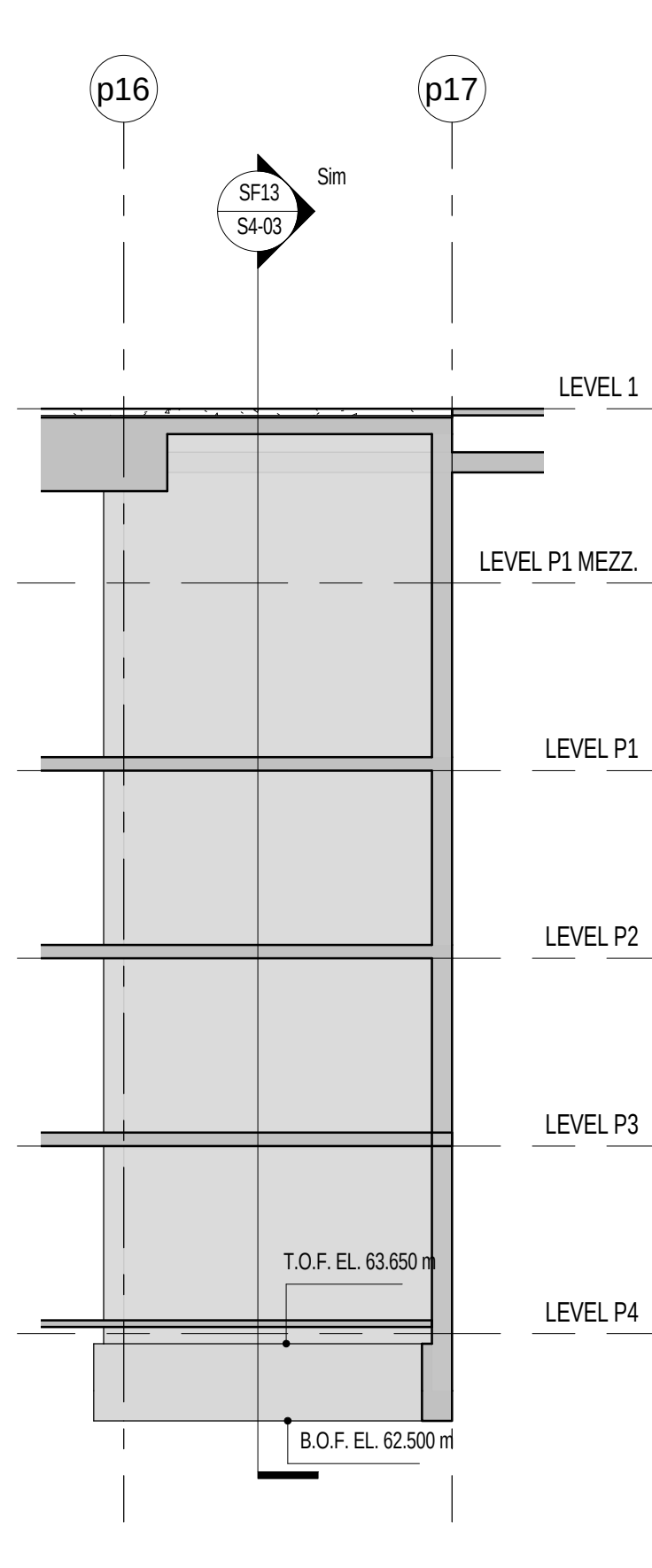
NORTH FOUNDATION ELEVATION
1:100



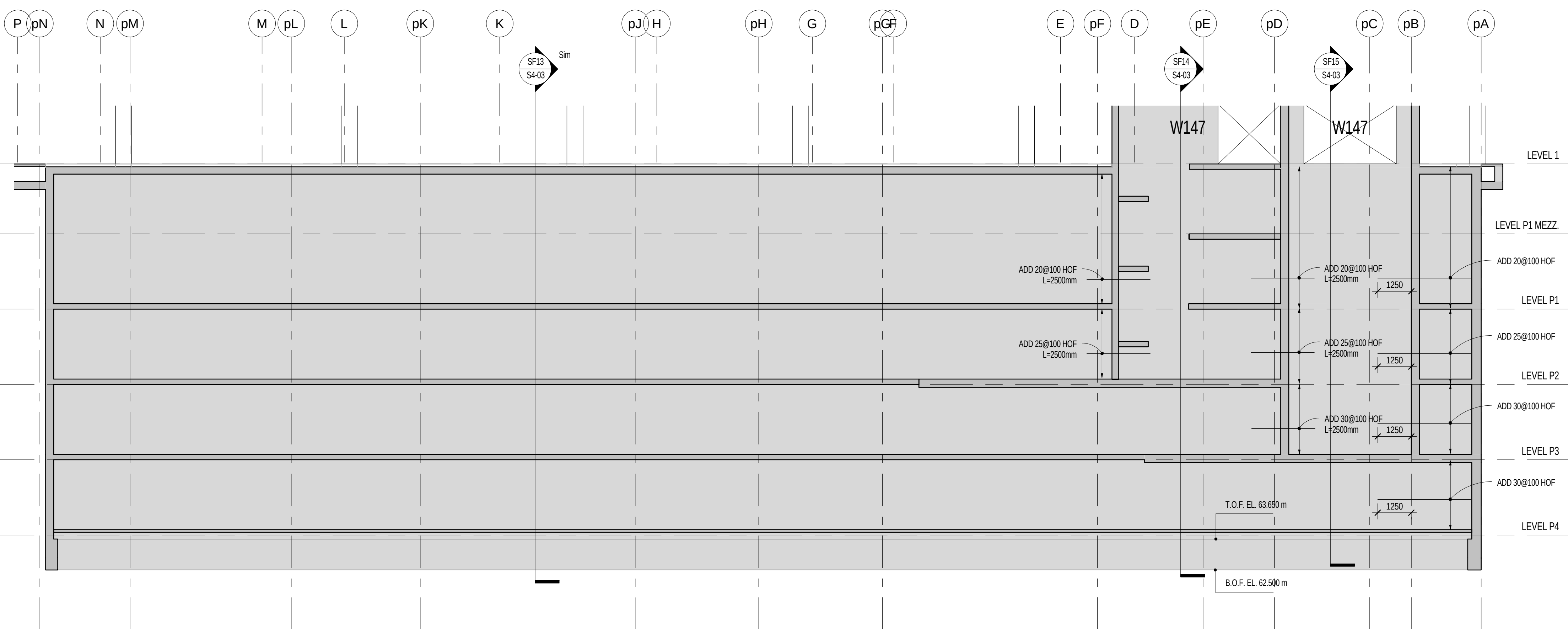
EAST FOUNDATION ELEVATION
1:100



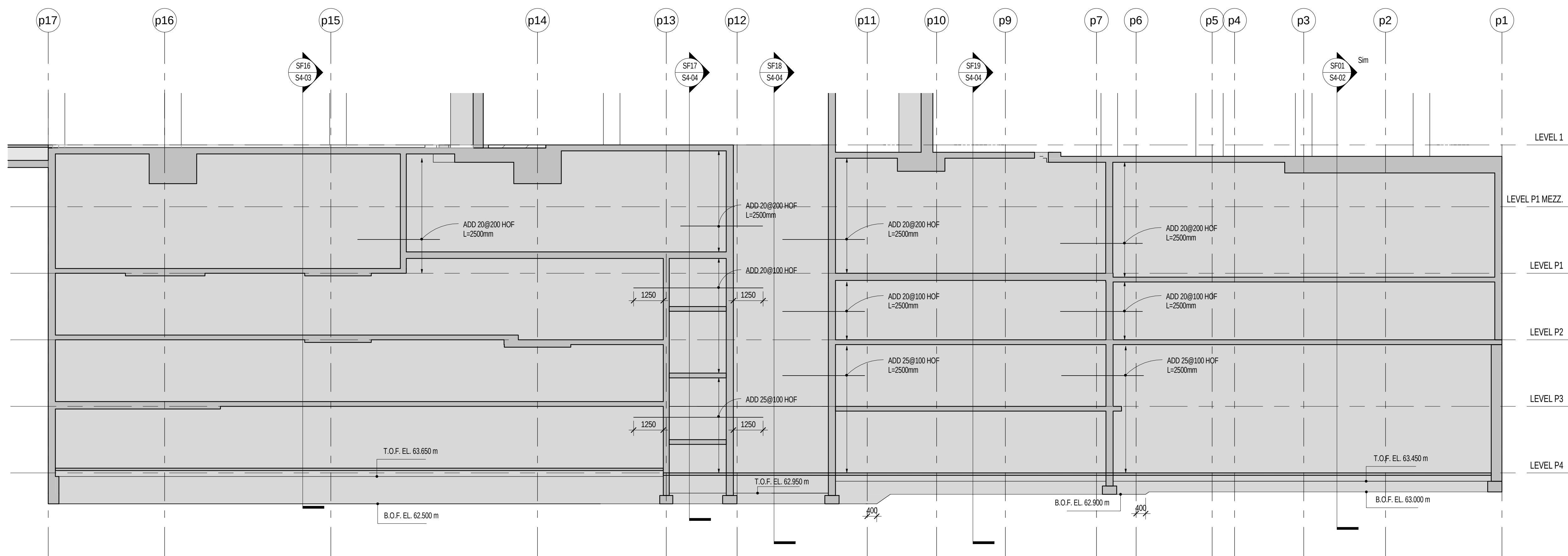
SOUTH FOUNDATION ELEVATION 1
1:100



SOUTH FOUNDATION ELEVATION 2
1:100

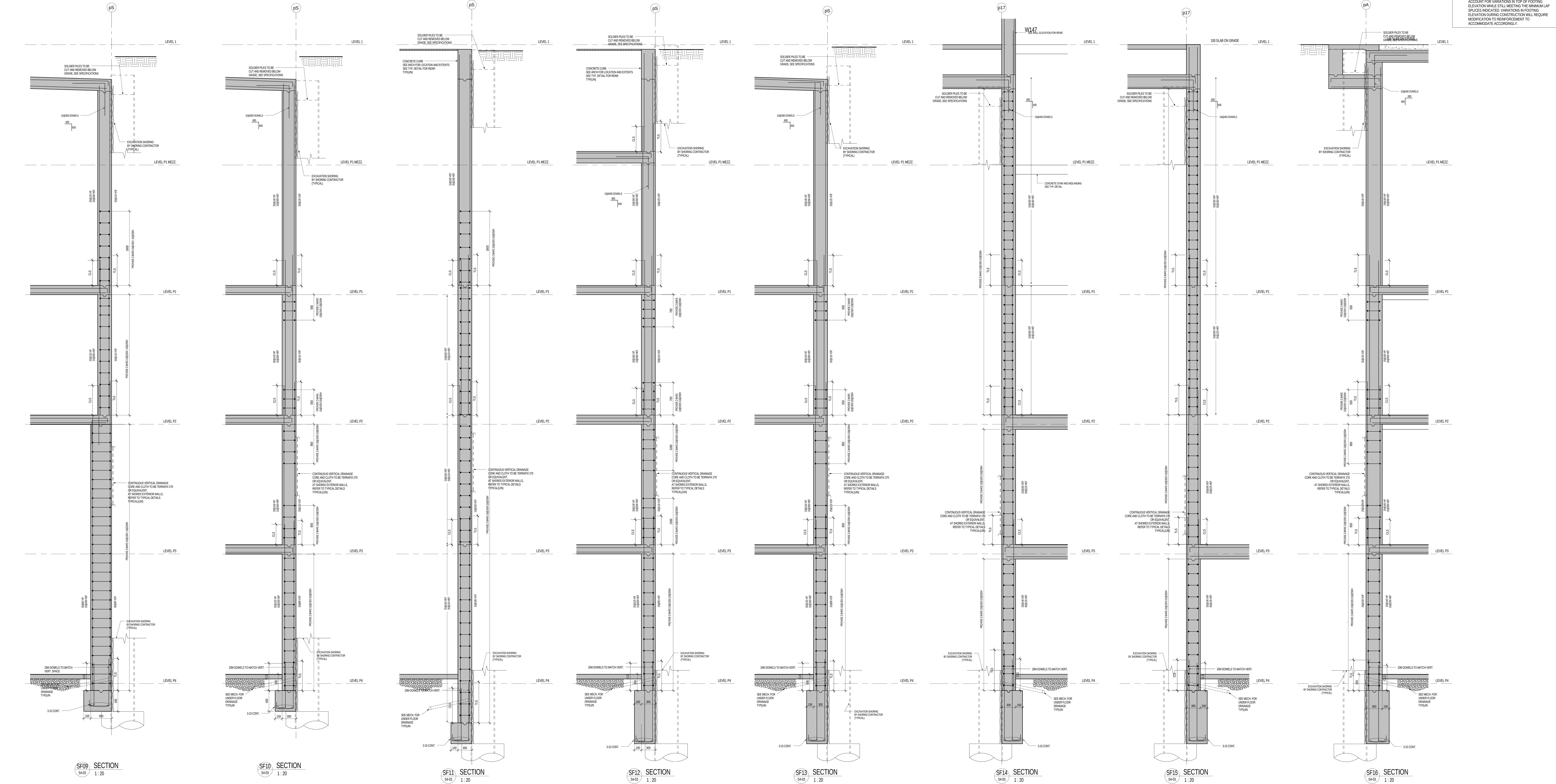


SOUTH FOUNDATION ELEVATION 3
1:100



WEST FOUNDATION ELEVATION
1:100

- REFER TO TYPICAL DETAILS T-C56A AND T-C56B FOR T.L.S (TENSION LAP SPLICE) AND C.L.S (COMPRESSION LAP SPLICE) LENGTHS.
- 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.



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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Date:

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Toronto, ON M2J 5A9 | Tel: (416) 435-9703
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1.	ISSUE FOR BUILDING PERMIT	May 11, 2015
NO.	ISSUED FOR	DATE

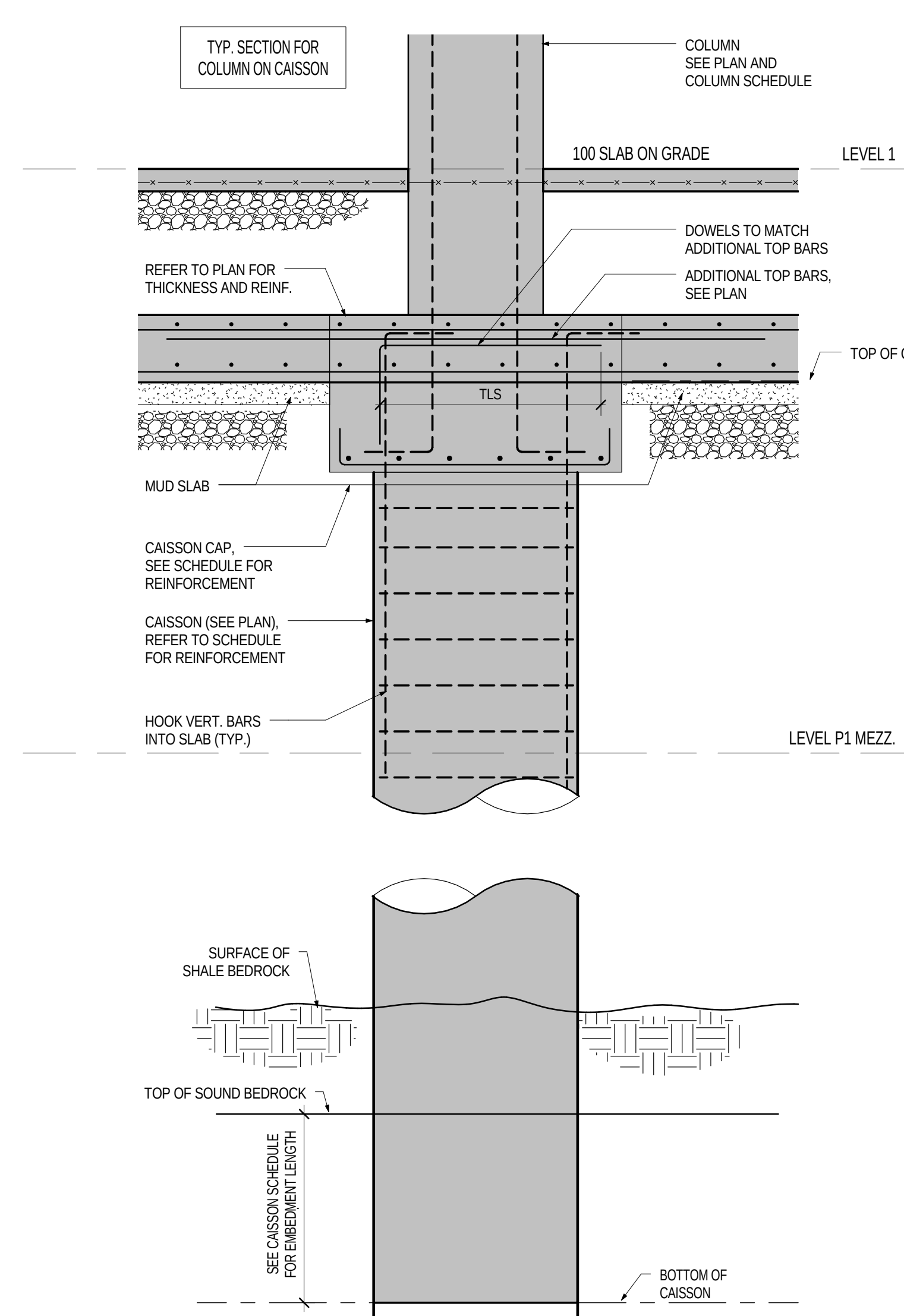
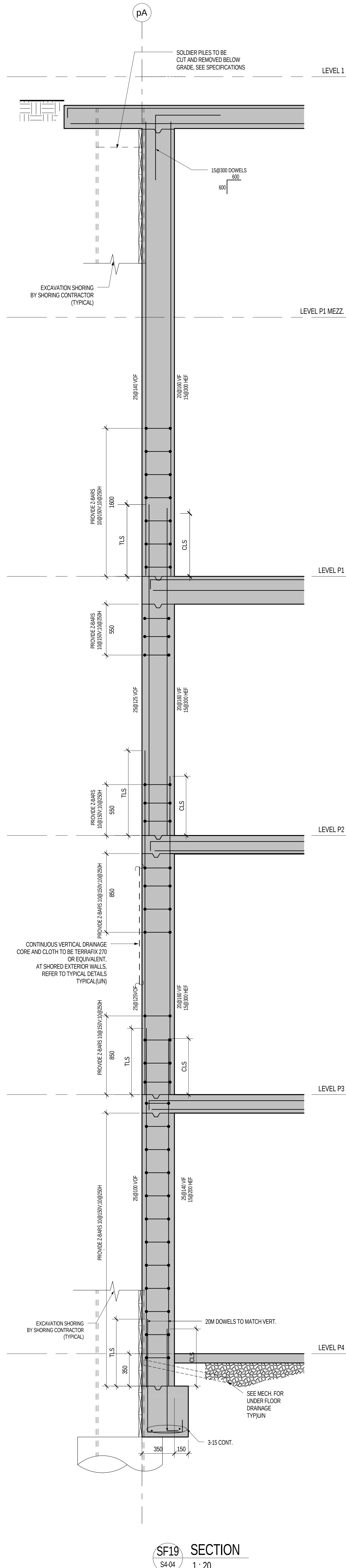
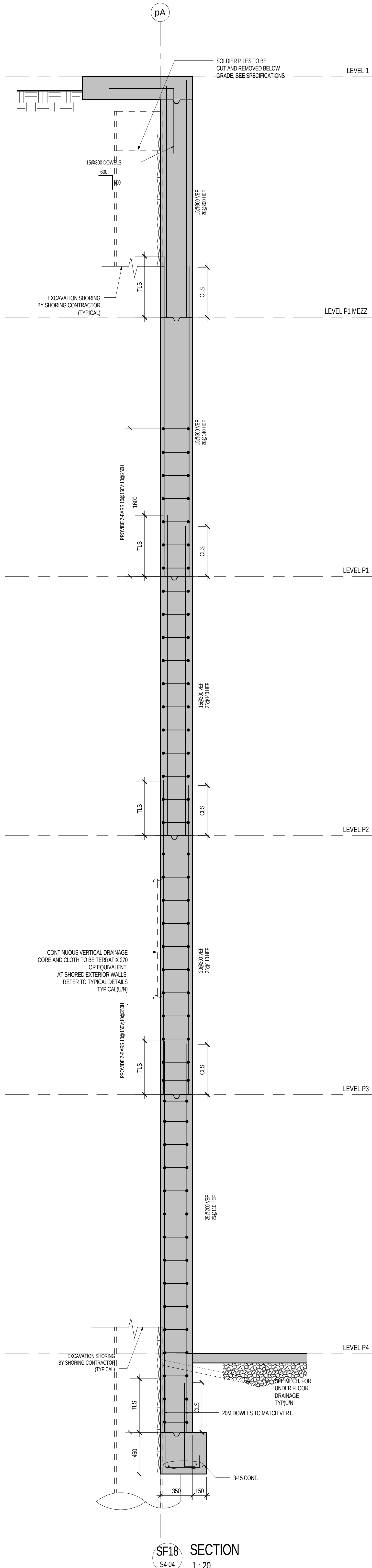
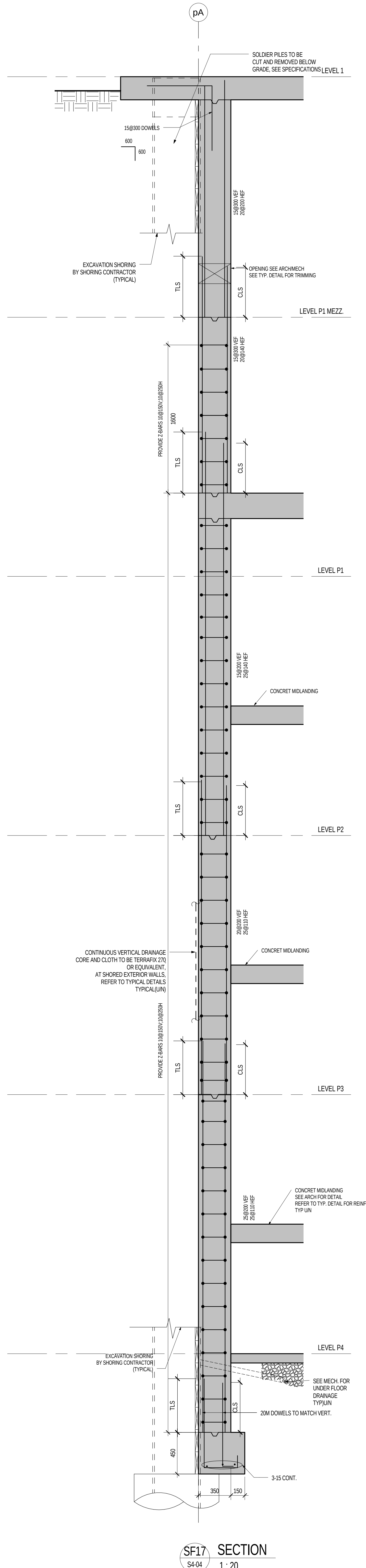
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
FOUNDATION SECTIONS

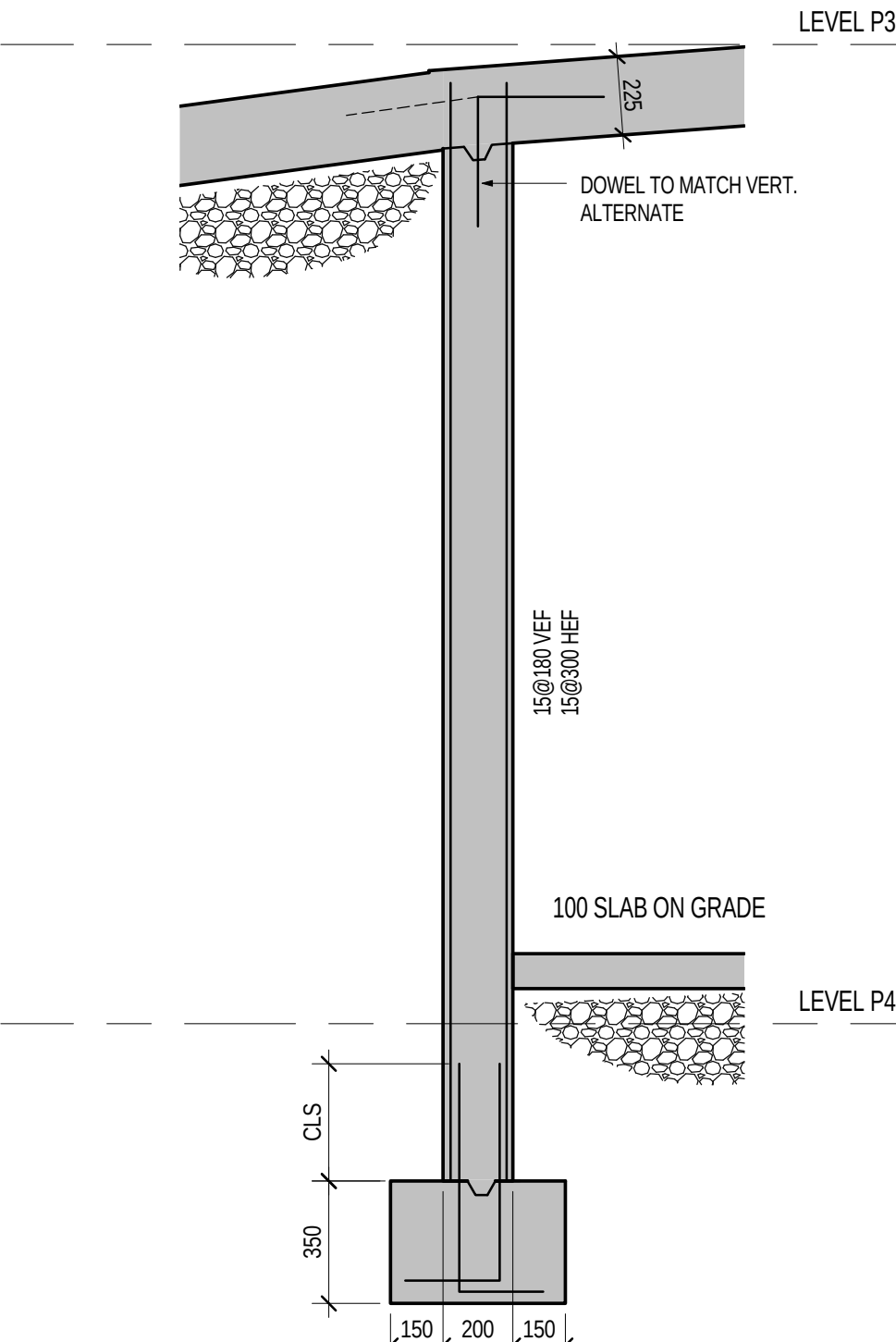
Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Merchant's Wharf
Toronto, ON

As indicated
DC
Checked by
20140031
Project No.
May 01, 2015
Date
Drawing No.

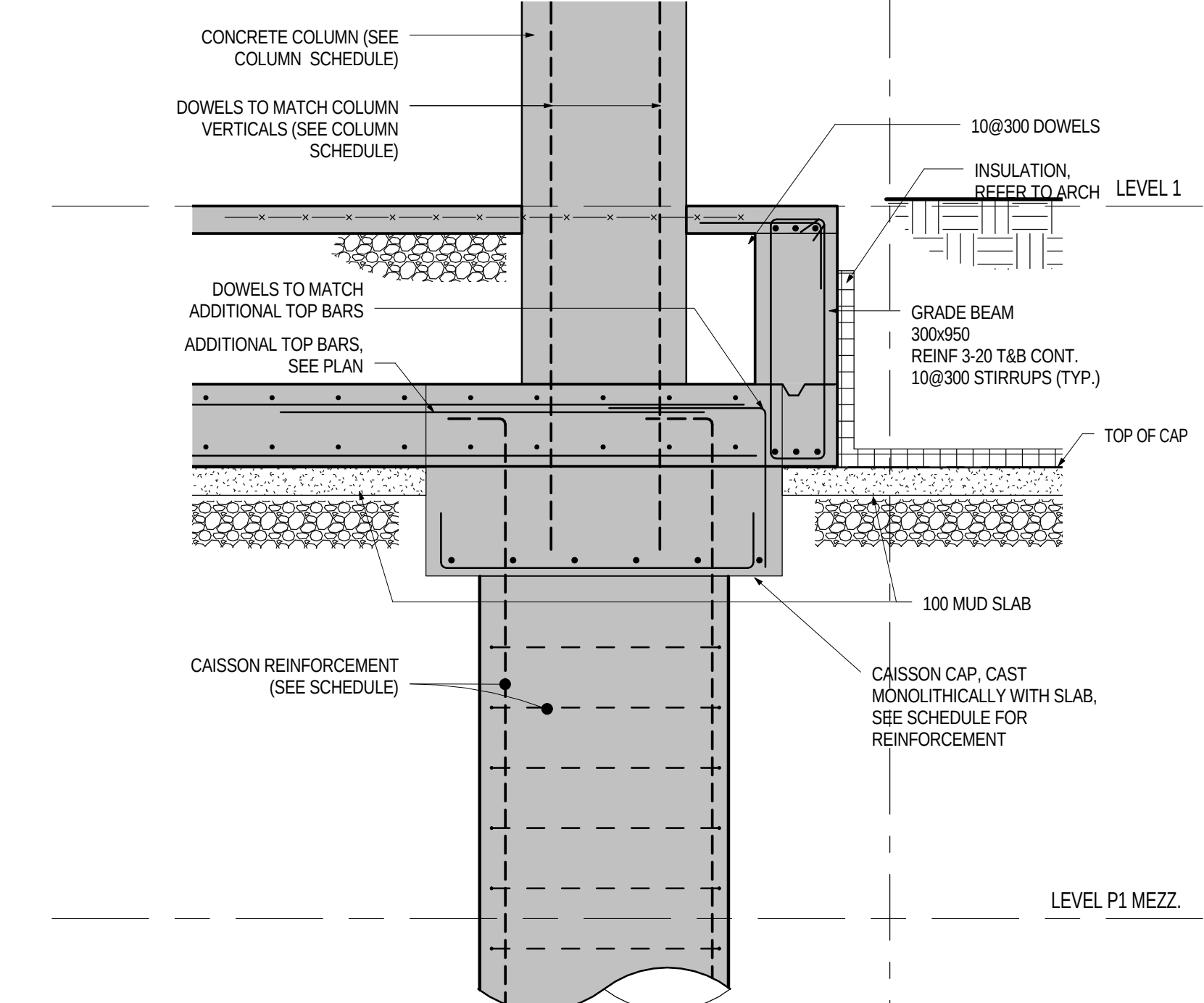
S4-03



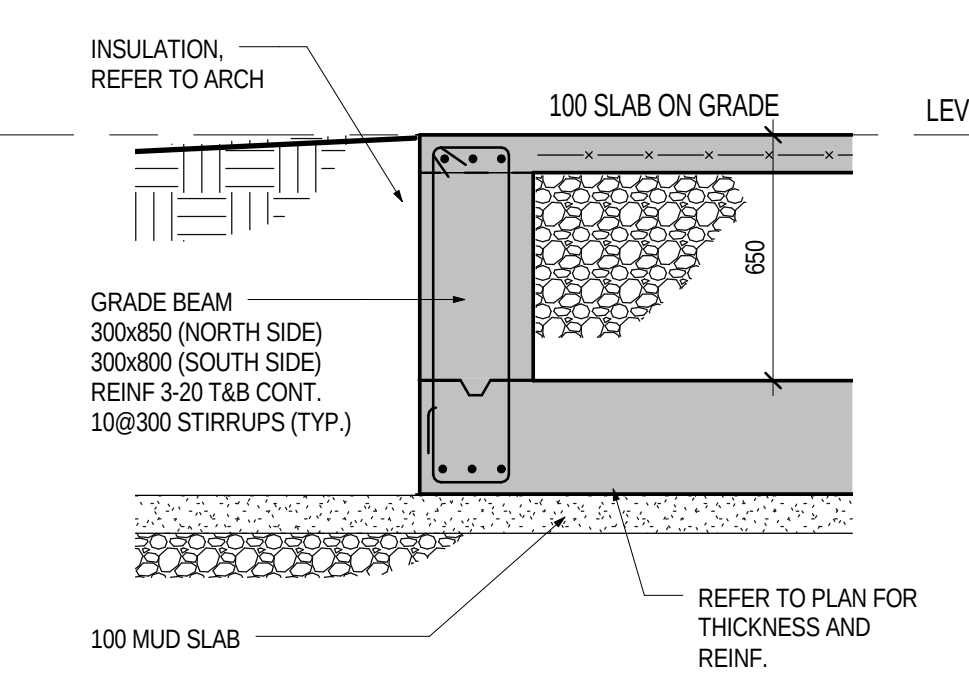
SF20 SECTION
S4-04 1:20



SF23 SECTION
S4-04 1:20



SF21 SECTION
S4-04 1:20



SF22 SECTION
S4-04 1:20

1. REFER TO TYPICAL DETAILS T-C56A AND T-C56B FOR T.L.S. (TENSION LAP SPICES) AND C.L.S. (COMPRESSION LAP SPICES) 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.

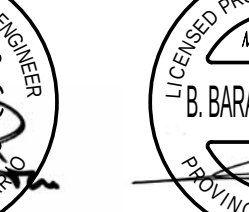
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