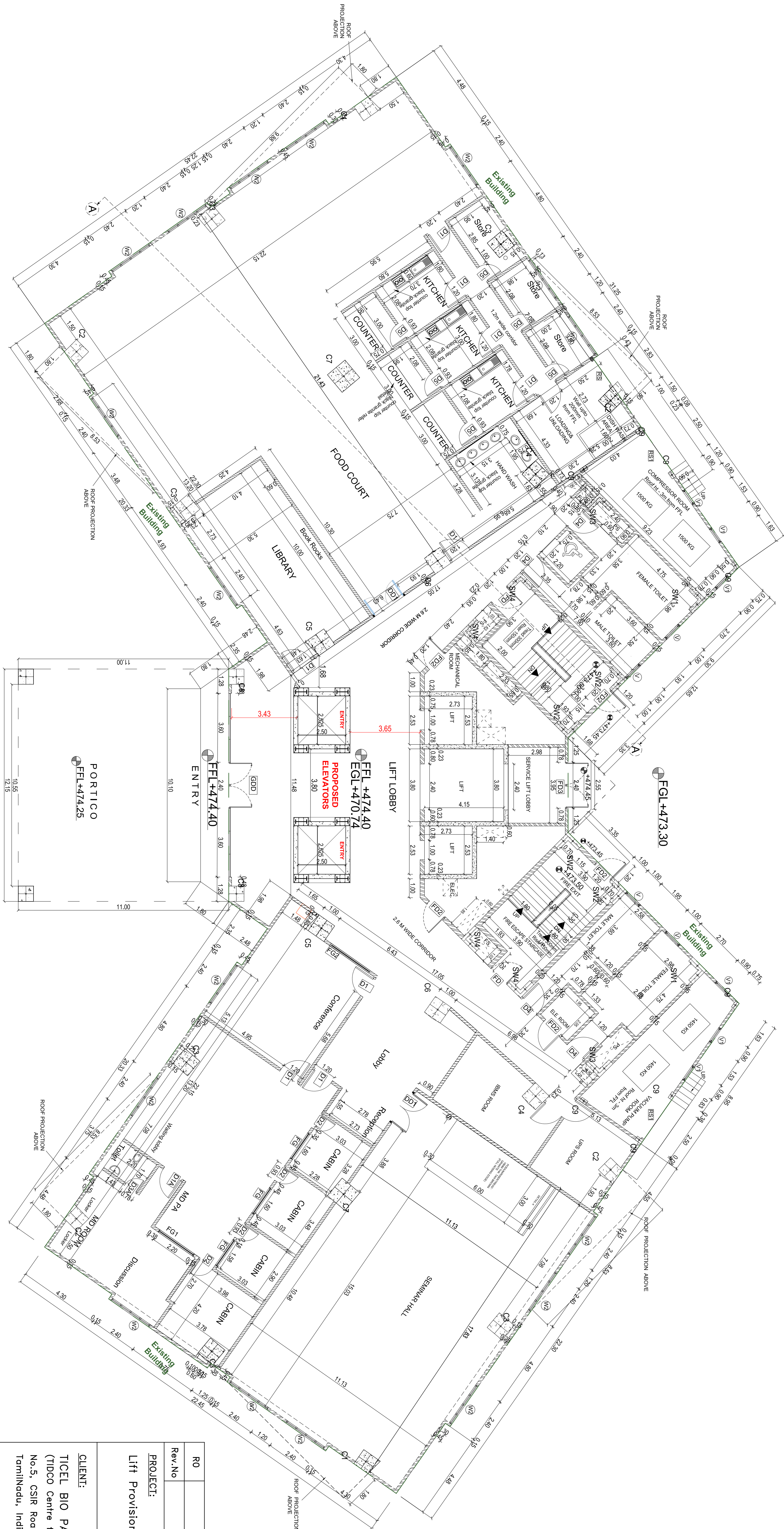
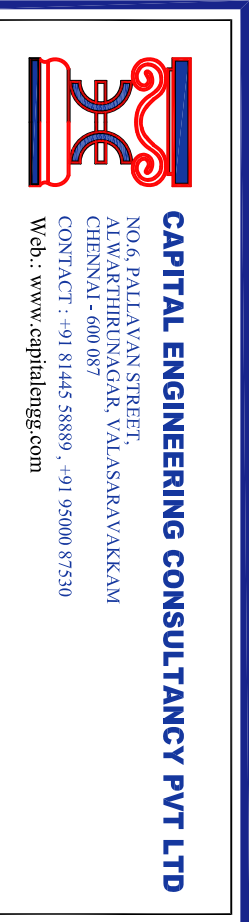




GROUND FLOOR PLAN



STRUCTURAL CONSULTANT:

CLIENT:
TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramoni, Chennai-600113.
TamilNadu, India.

PROJECT:
Lift Provision at TICEL Bio Park-II, Coimbatore.

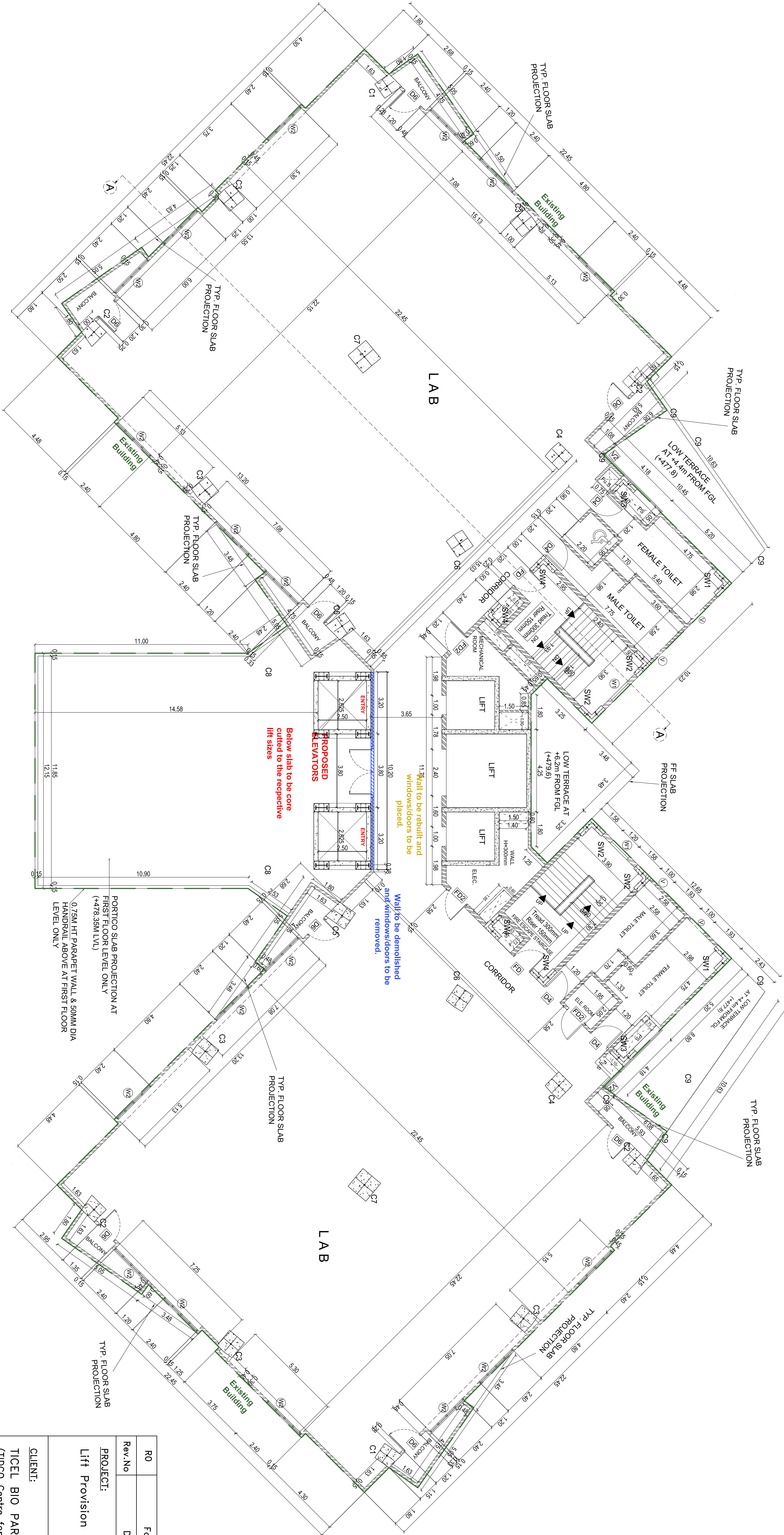
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R0	For Approval	14.02.2024	15.02.2024	16.02.2024

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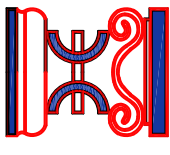
GROUND FLOOR PLAN

DRG NO: 2324052-TICEL-Lift-AR-01

RELEASED FOR ☒ APPROVAL ☐ CONSTRUCTION ☐ FOR TENDER



FIRST FLOOR PLAN



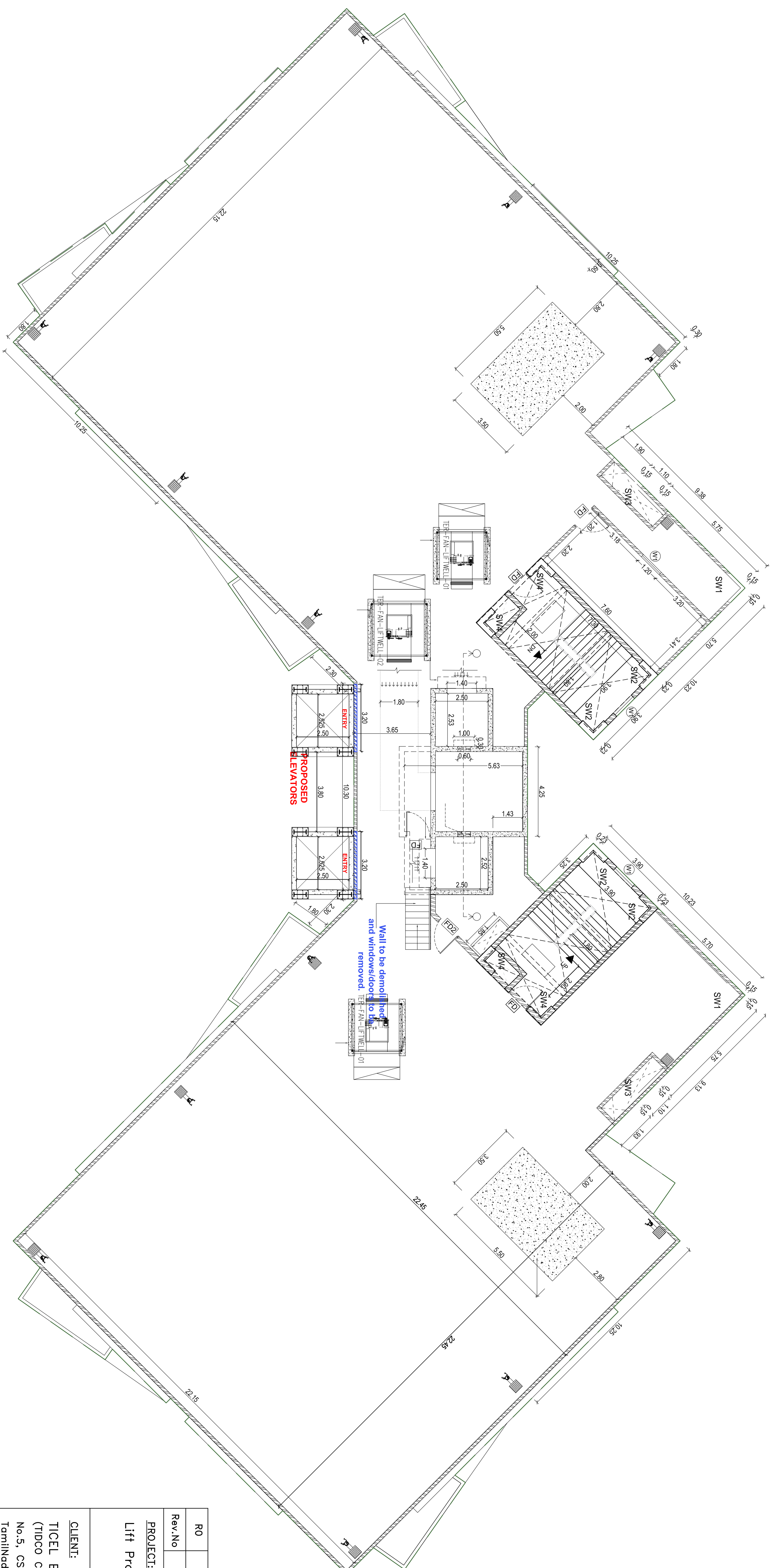
CAPITAL ENGINEERING CONSULTANCY PVT LTD
NO.5, PALLAVANA STREET,
KALAKATTIDURAI, VALSARAVAKKAM
CHENNAI-600075
CONTACT : +91 81445 58889 +91 99000 87550
Web: www.capitalengg.com

STRUCTURAL CONSULTANT:

CLIENT:
TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramani, Chennai-600113.
TamilNadu, India.

PROJECT:			
Lift Provision at TICEL Bio Park-II, Coimbatore.			
Rev.No	Description	Design	Drawn
R0	For Approval	14.02.2024	15.02.2024
		16.02.2024	Checked

DRAWING TITLE :		SCALE	
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		A1	R0
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RELEASED FOR			
☒ APPROVAL ☐ CONSTRUCTION ☐ FOR TENDER			

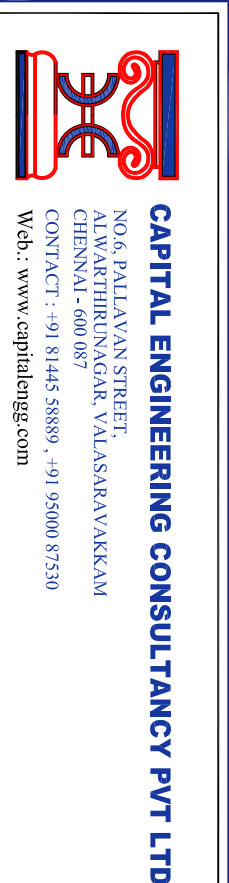


R0	For Approval	14.02.2024	15.02.2024	16.02.2024
Rev.No	Description	Design	Drawn	Checked

Lift Provision at TICEL Bio Park—III, Coimbatore.

CLIENT:
TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramani, Chennai-600113.
Tamilnadu, India.

STRUCTURAL CONSULTANT:



DRAWING TITLE :

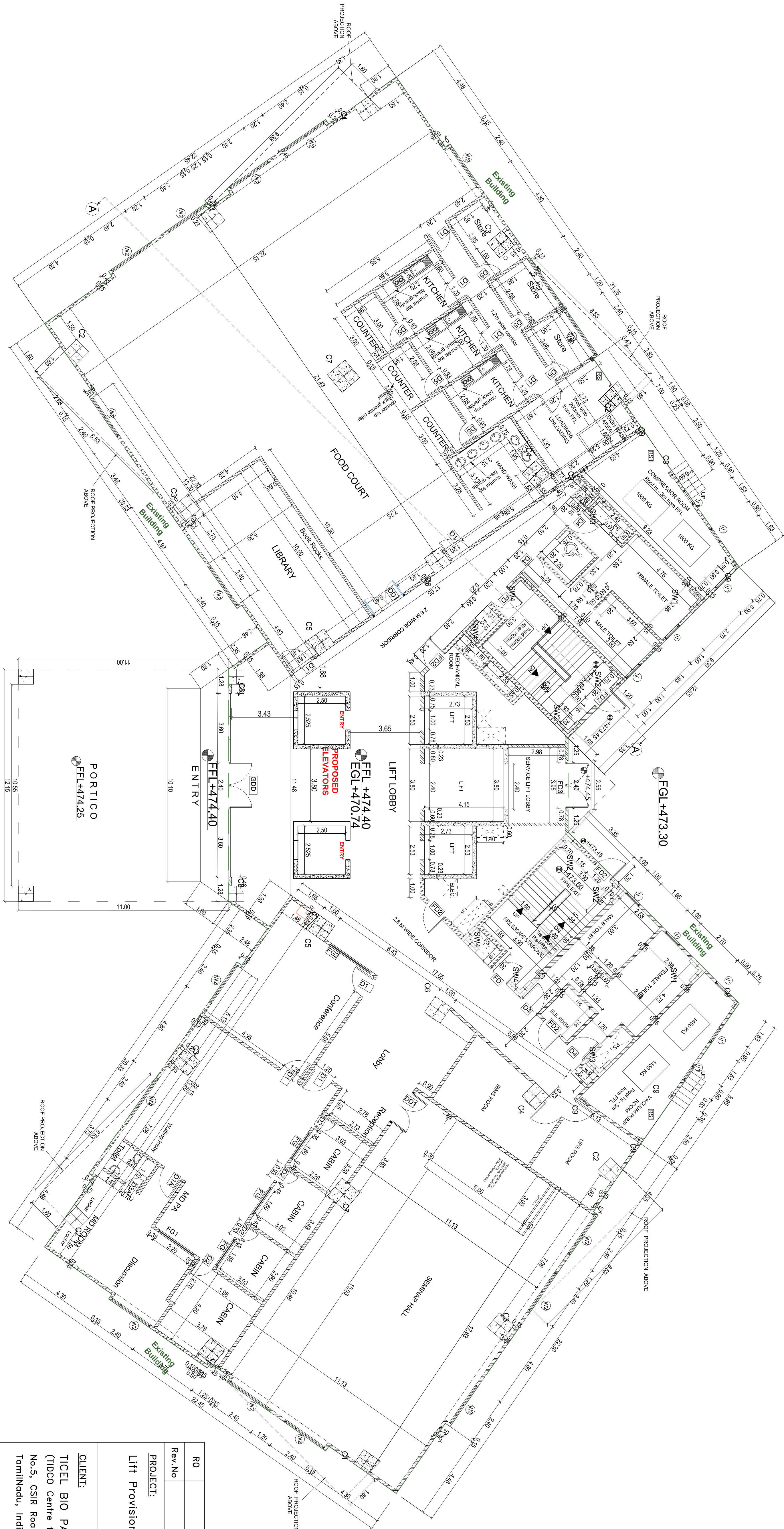
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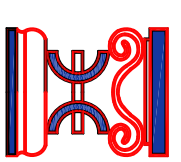
RELEASED FOR ☒ APPROVAL

SCALE

SIZE	REV
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GROUND FLOOR PLAN



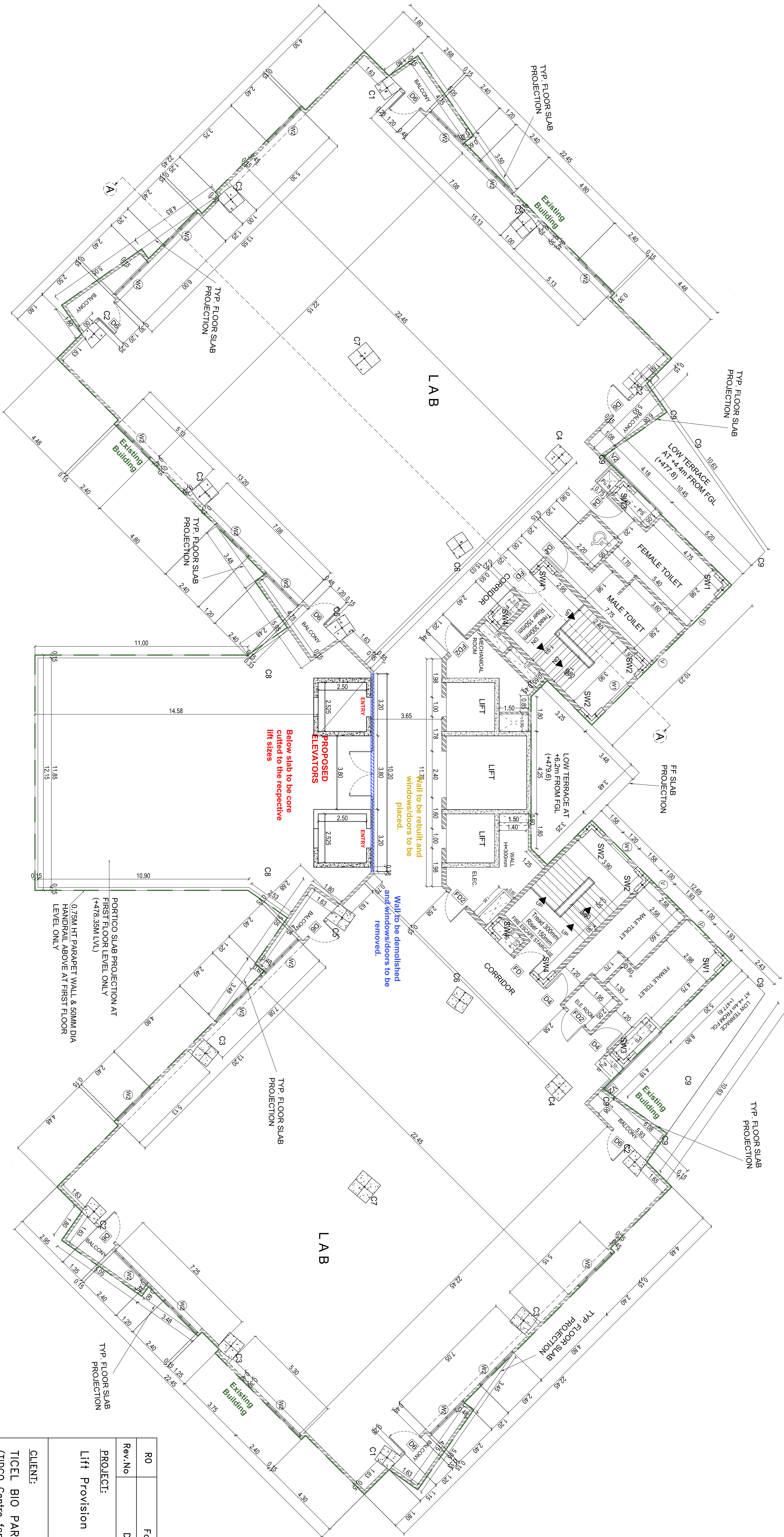
CAPITAL ENGINEERING CONSULTANCY PVT LTD
NO.5 PALLAVANA STREET,
KALAKATTIBUDUR, VALSARAVAKKAM
CHENNAI-600075
CONTACT : +91 81445 58889 +91 99000 87550
Web: www.capitaleng.com

STRUCTURAL CONSULTANT:

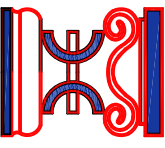
CLIENT:

TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramani, Chennai-600113.
TamilNadu, India.

R0		For Approval	14.02.2024	15.02.2024	16.02.2024
Rev.No	Description	Design	Drawn	Checked	
PROJECT:					
Lift Provision at TICEL Bio Park-II, Coimbatore.					
STRUCTURAL CONSULTANT:					
DRAWING TITLE :					
GROUND FLOOR PLAN				SCALE	
REV. A1				SIZE	REV.
R0					
DRG NO: 2324052-TICEL-Lift-AR-01					
RELEASED FOR					
☒ APPROVAL ☐ CONSTRUCTION ☐ FOR TENDER					



FIRST FLOOR PLAN



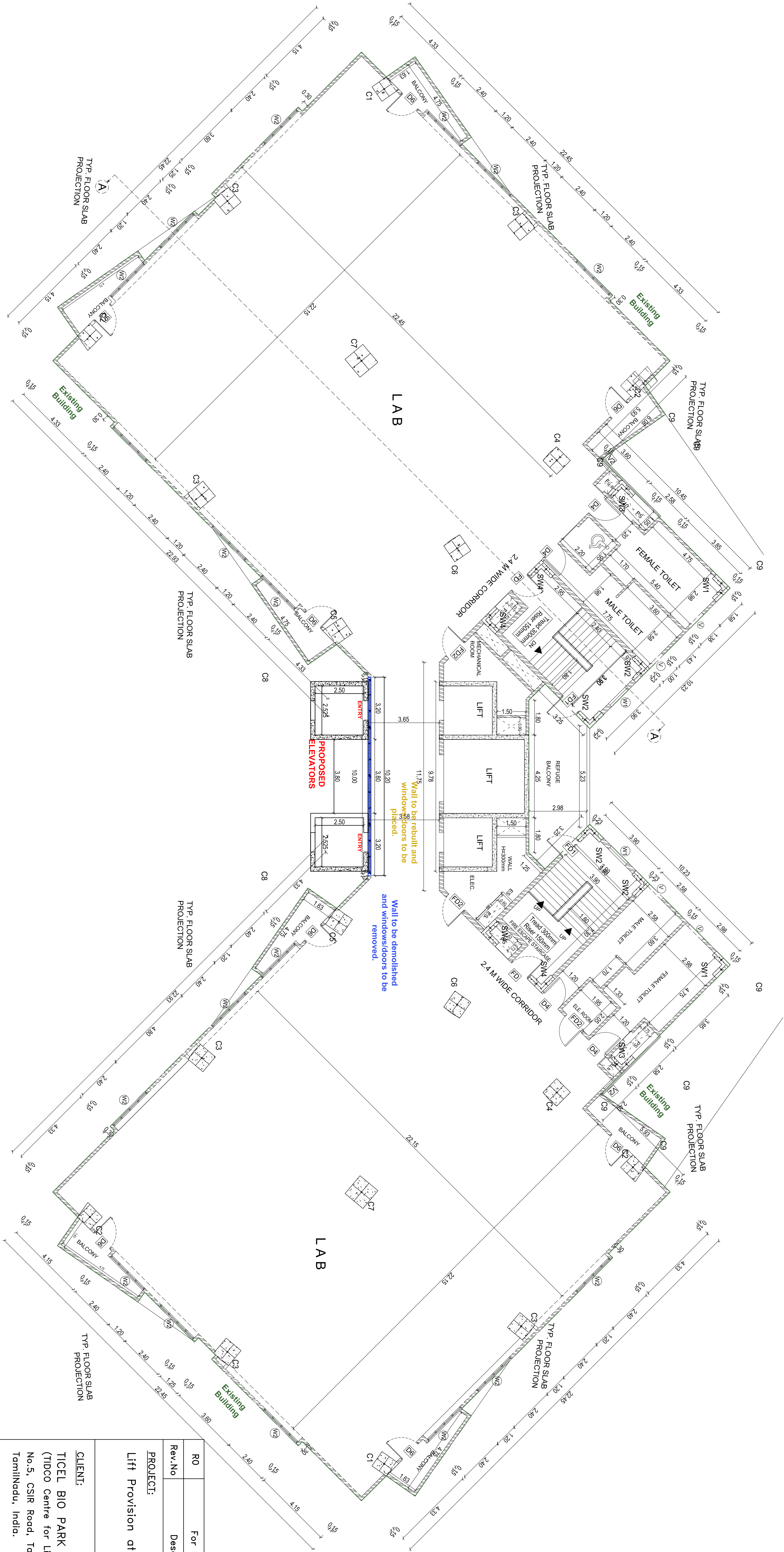
CAPITAL ENGINEERING CONSULTANCY PVT LTD
NO.5, PALLAVANA STREET,
KALAKATTIDURAI, VALSARAVAKKAM
CHENNAI-600075
CONTACT : +91 81445 58889 +91 96900 87550
Web: www.capitaleng.com

STRUCTURAL CONSULTANT:

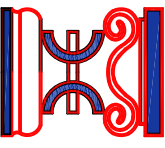
CLIENT:
TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramani, Chennai-600113.
TamilNadu, India.

PROJECT: Lift Provision at TICEL Bio Park-II, Coimbatore.			
Rev.No	Description	Design	Drawn
R0	For Approval	14.02.2024	15.02.2024
		16.02.2024	Checked

DRAWING TITLE :		SCALE	
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		A1	R0
DRG NO: 2324052-TICEL-Lift-AR-02			
RELEASED FOR	☒ APPROVAL	☐ CONSTRUCTION	☐ FOR TENDER



TYPICAL FLOOR PLAN

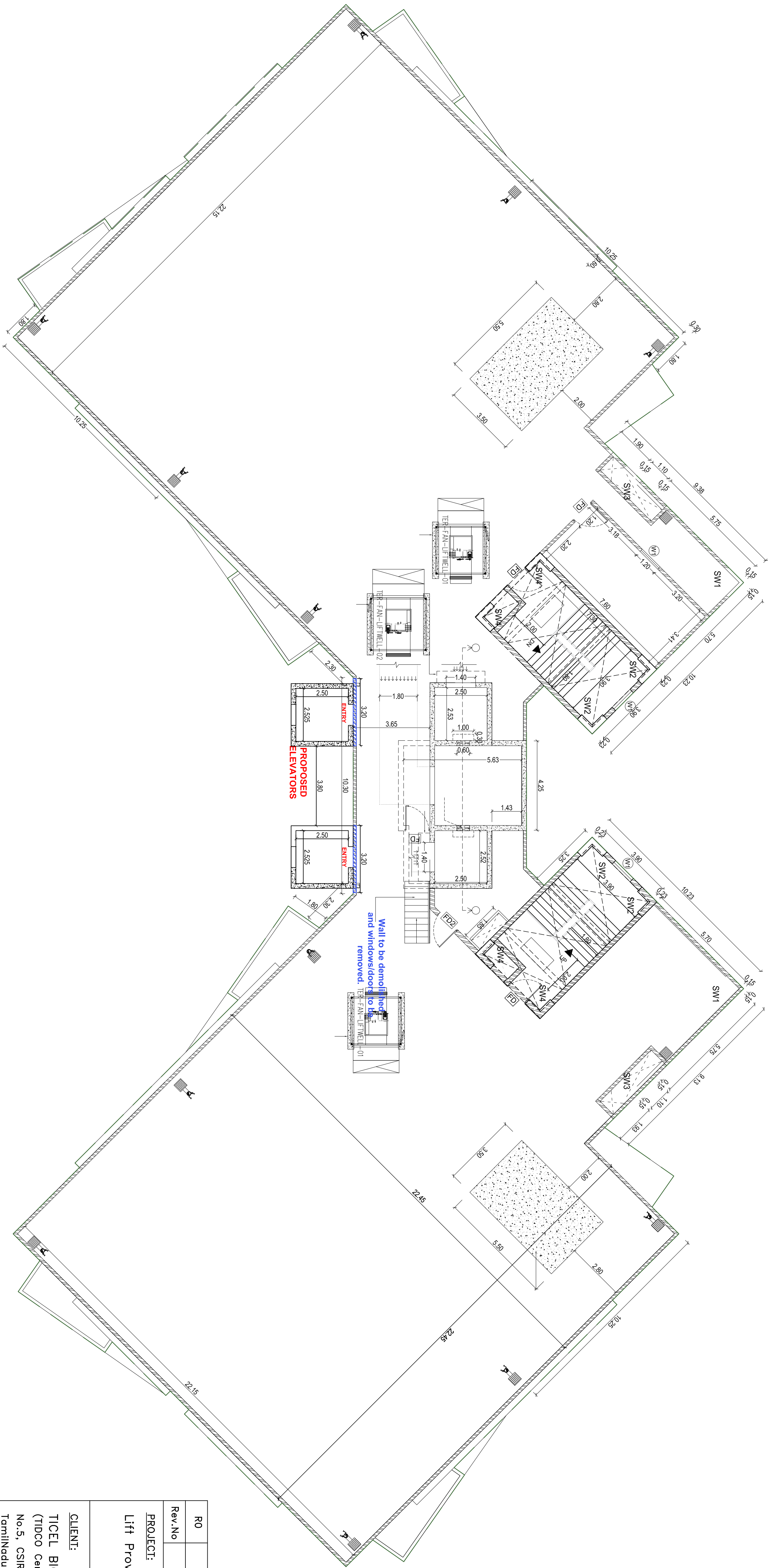


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CHENNAI-600046
CONTACT : +91 8144 58889 +91 96000 87550
Web: www.capitaleng.com

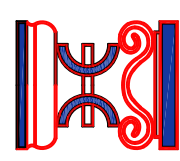
STRUCTURAL CONSULTANT:			
CLIENT:			
TICEL BIO PARK LTD (TIDCO Centre for Life Sciences) No.5, CSIR Road, Taramani, Chennai-600113. TamilNadu, India.			
PROJECT:			
Lift Provision at TICEL Bio Park-II, Coimbatore.			
Rev.No	Description	Design	Drawn
R0	For Approval	14.02.2024	15.02.2024
		16.02.2024	Checked

DRAWING TITLE :		SCALE	
TYPICAL FLOOR PLAN		SIZE	REV.
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DRG NO: 2324052-TICEL-Lift-AR-03			

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TERRACE FLOOR PLAN



CAPITAL ENGINEERING CONSULTANCY PVT LTD
NO.5, CSIR ROAD, TARAMONI, CHENNAI-600113.
CONTACT : +91 81443 58889 +91 96900 75250
Web: www.capitalengg.com

CLIENT:
TICEL BIO PARK LTD
(TIDCO Centre for Life Sciences)
No.5, CSIR Road, Taramoni, Chennai-600113.
TamilNadu, India.

STRUCTURAL CONSULTANT:

Rev.No	For Approval	14.02.2024	15.02.2024	16.02.2024
	Description	Design	Drawn	Checked
PROJECT: Lift Provision at TICEL Bio Park-II, Coimbatore.				

DRAWING TITLE :	SCALE	
TERRACE FLOOR PLAN	SIZE	REV.
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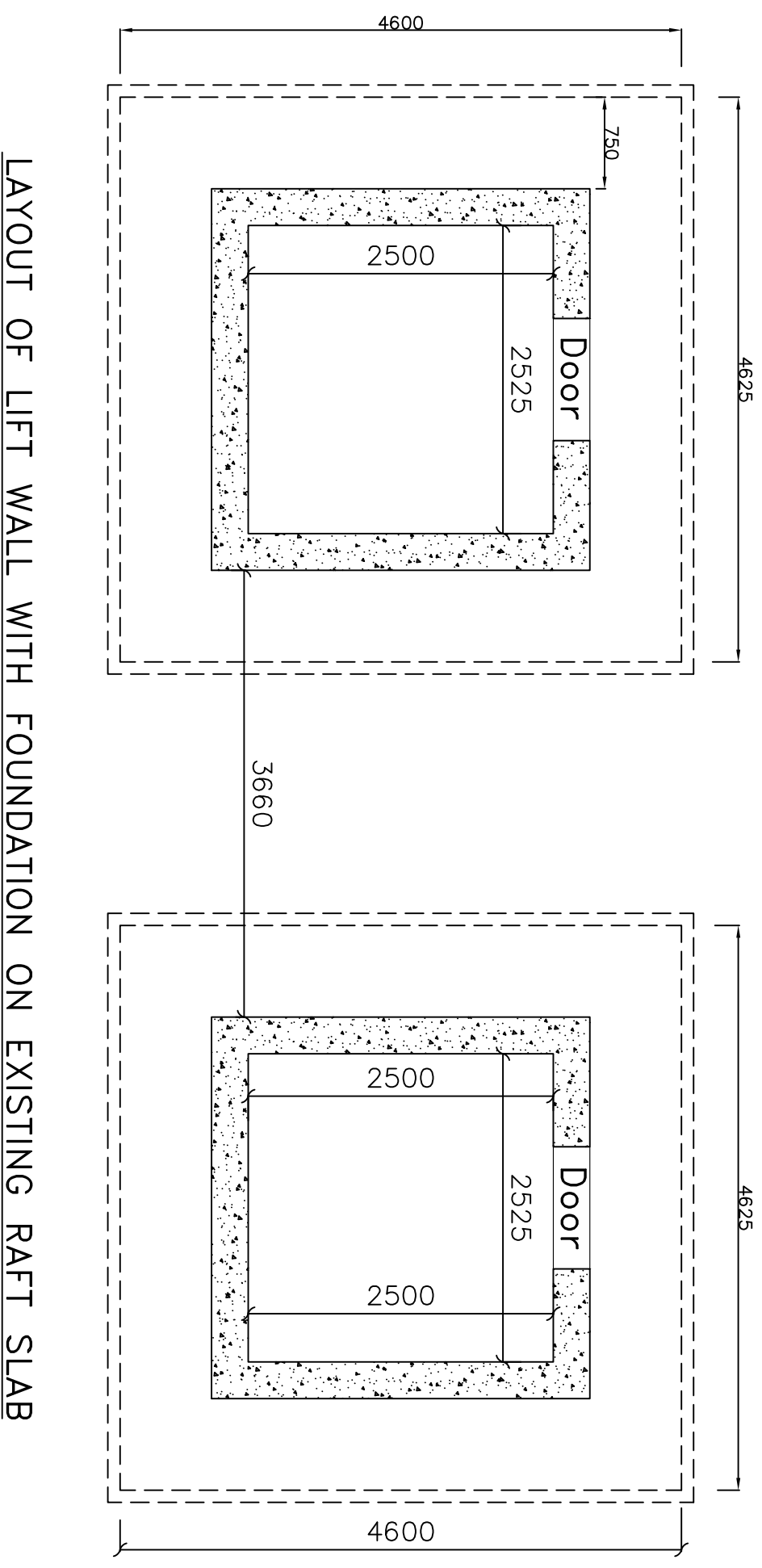
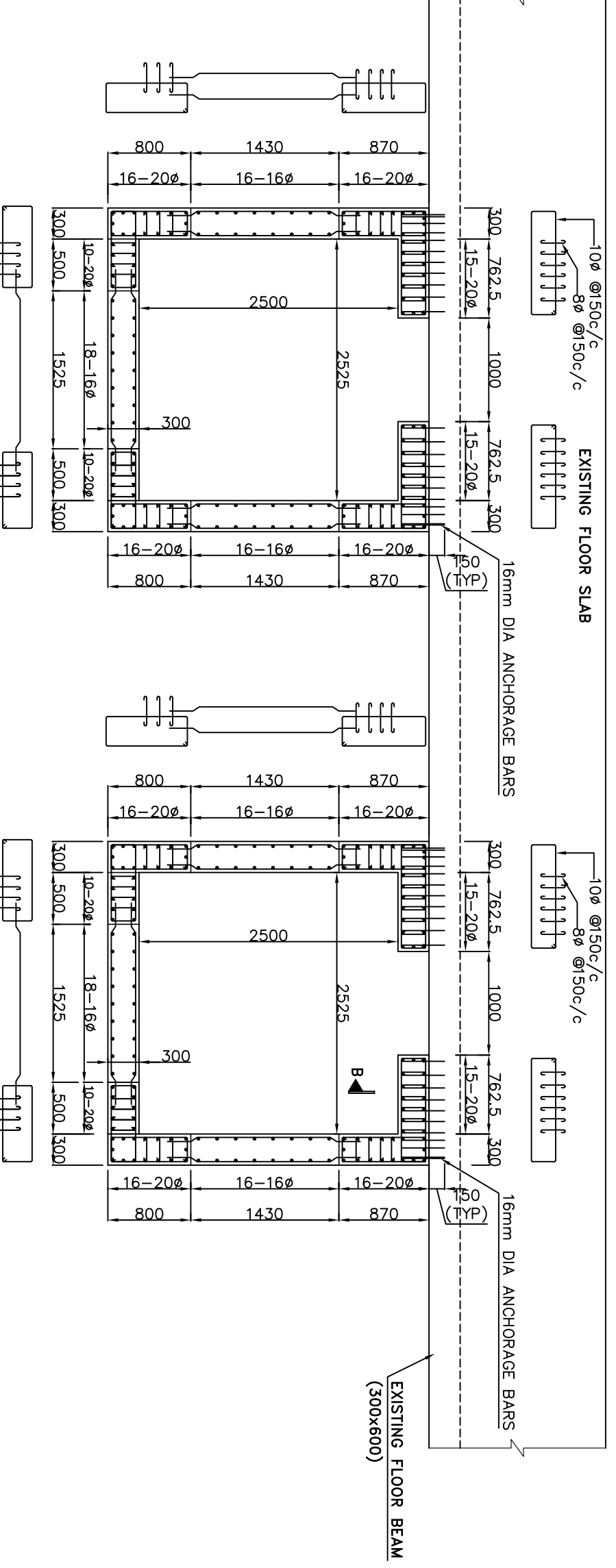
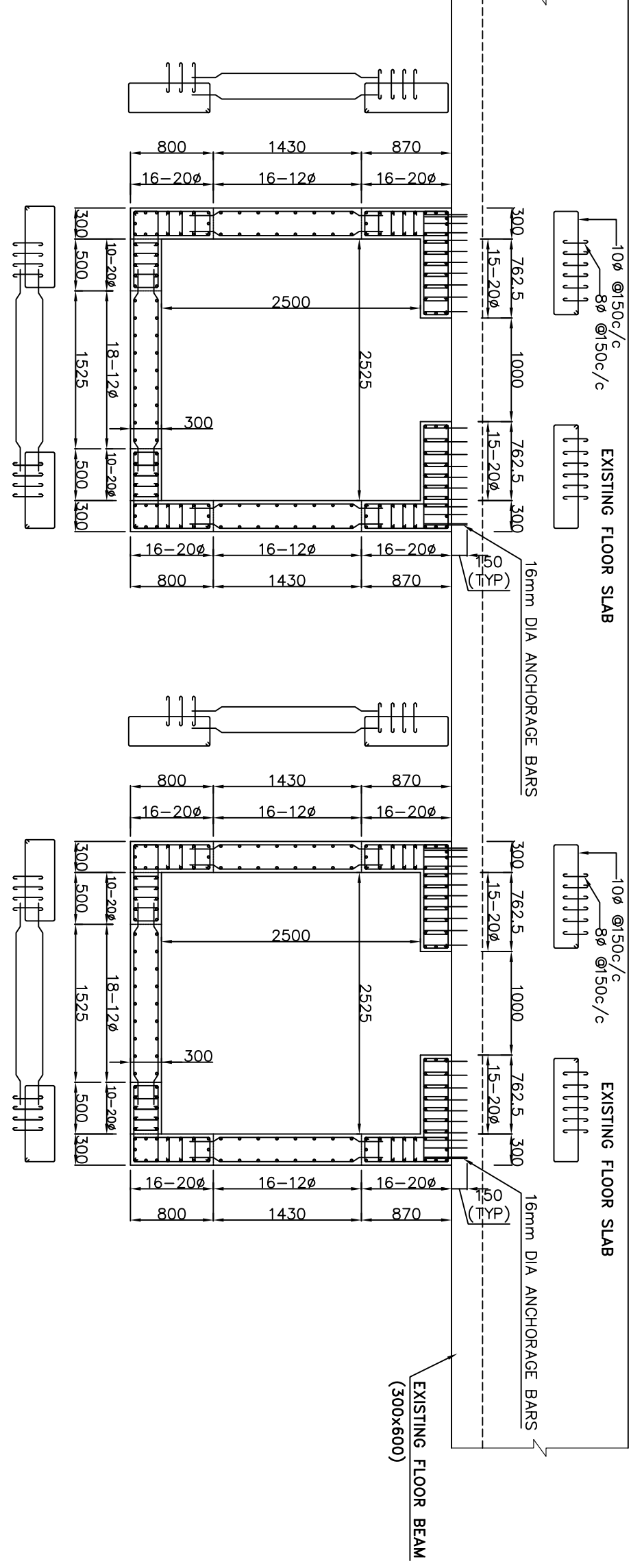
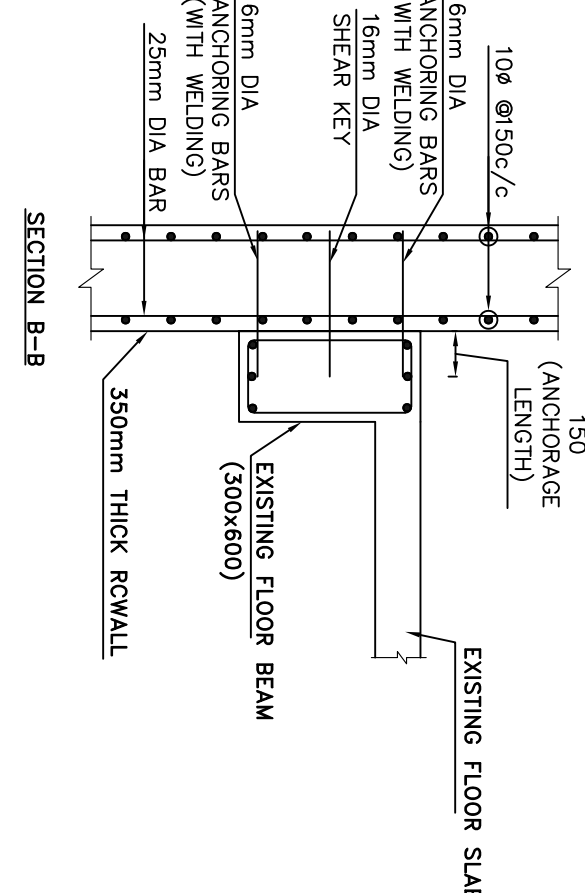
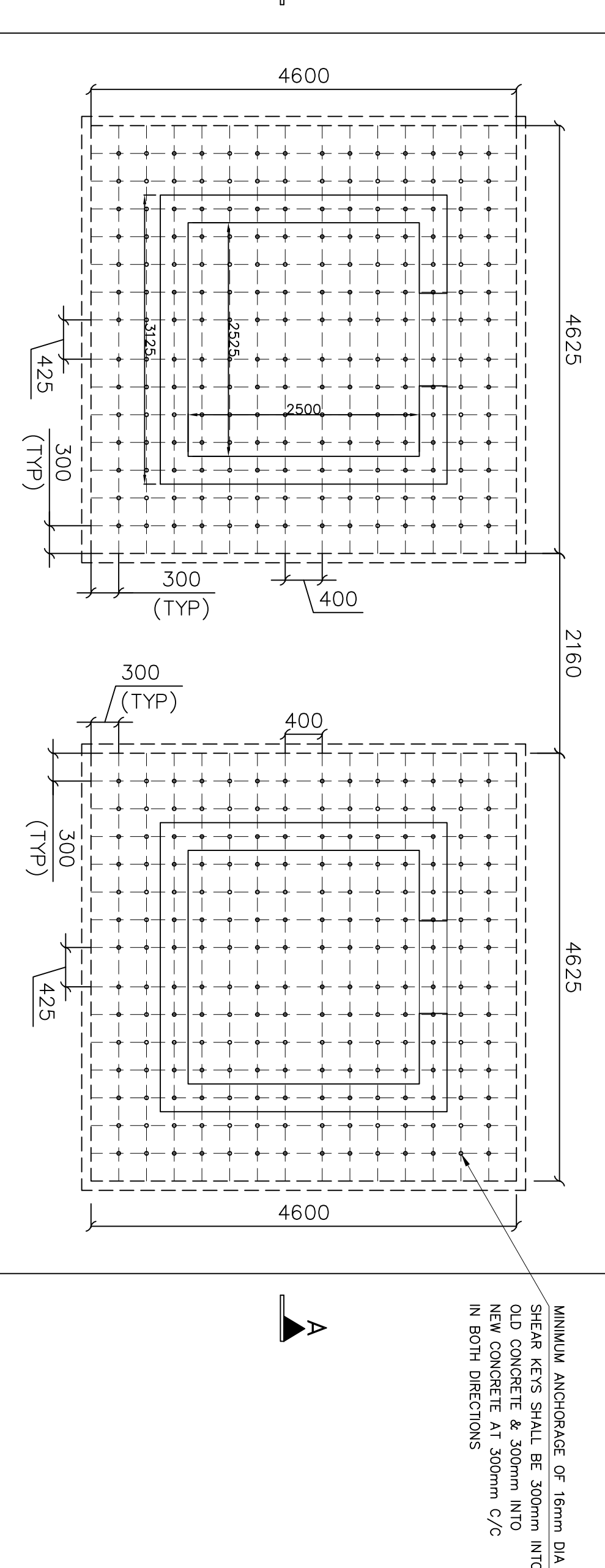
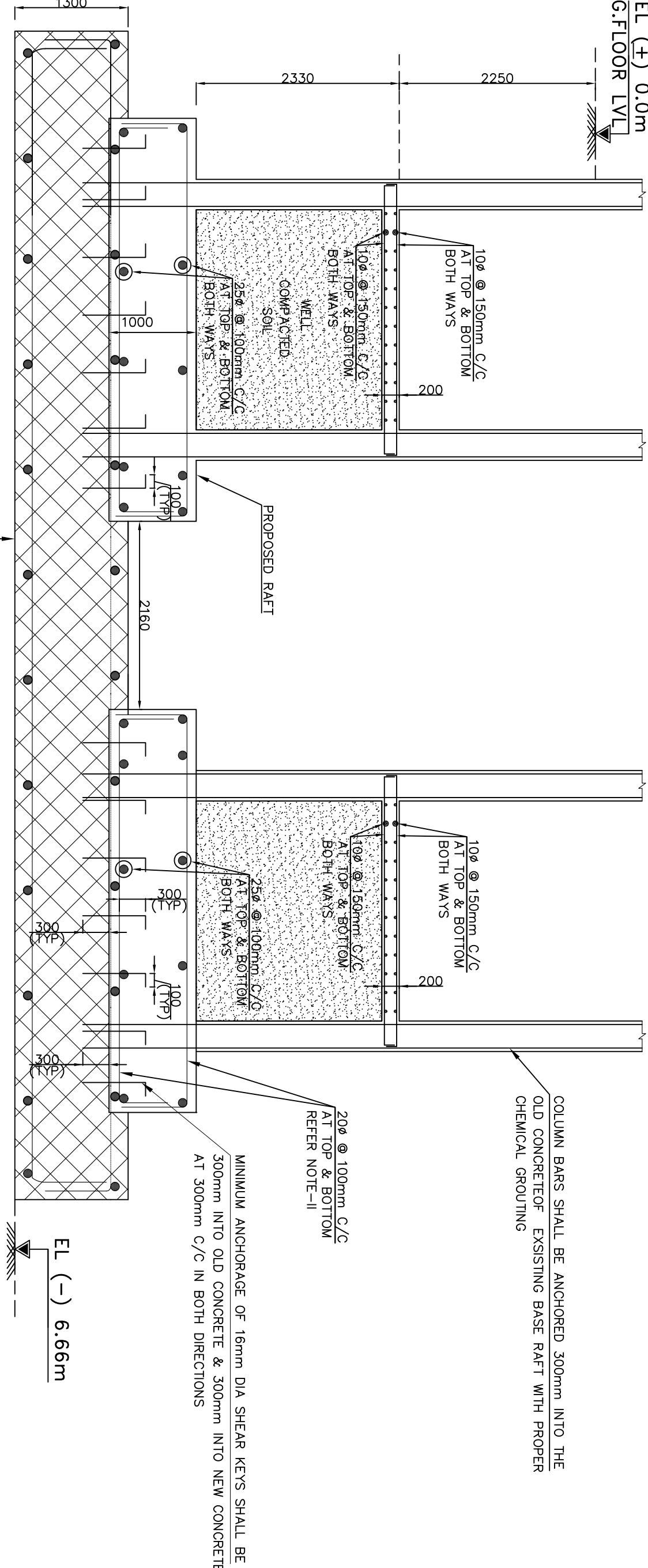
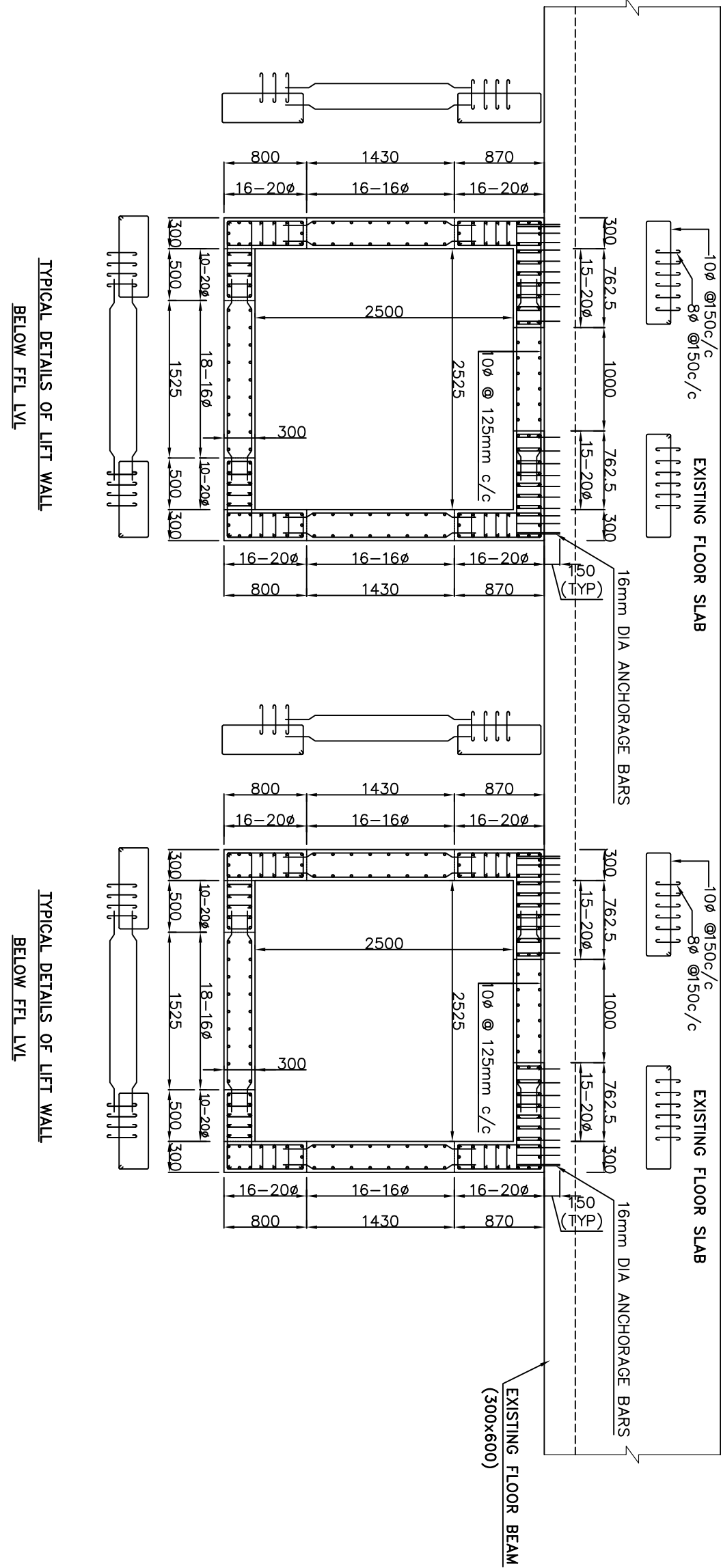
RELEASED FOR ☒ APPROVAL ☐ CONSTRUCTION ☐ FOR TENDER



NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. FGL($\pm$) 0.00m CORRESPONDING TO EL(+)-0.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. THE STRUCTURE IS DESIGNED FOR GROUND + 13 UPPER FLOORS
7. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF
GRADE Fe 500
8. CLEAR COVER FOR FOUNDATION 75mm, COLUMN 40mm,
PUNTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT
BARS SHALL BE 50 x DIA. OF BAR

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LEGEND	
EL - ELEVATION LVL	REL - FINISHED ROAD LVL
EQ - EXISTING GROUND LVL	RL - ROAD LVL
FTL - FINISHED FLOOR LVL	TOS - TOP OF SLAB
TOC - TOP OF CONCRETE	BOB - BOTTOM OF BEAM
TOB - TOP OF BEAM	

- NOTES:**
1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S.
 2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS.
 3. FGL(±) 0.00m CORRESPONDING TO EL(±)0.00m.
 4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS.
 5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30.
 6. THE STRUCTURE IS DESIGNED FOR GROUND + 13 UPPER FLOORS.
 7. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500.
 8. CLEAR COVER FOR FOUNDATION 75mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm.
 9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR.

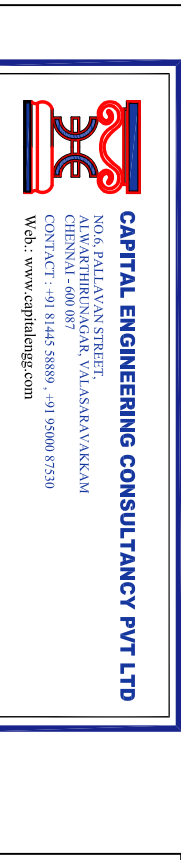
- NOTES FOR ANCHORAGE BARS AND SHEAR KEYS:**
1. ANCHORING OF LIFT WALL TO THE EXISTING BEAMS AT EACH FLOOR LEVEL
 1. THE COVER CONCRETE ON THE TOP AND BOTTOM OF THE EXISTING FLOOR BEAM TO THE CHIPPED OFF.
 2. 16MM DIA. STEEL REBARS AT THREE LEVELS MUST BE ANCHORED INTO THE EXISTING FLOOR BEAM AT EACH FLOOR LEVEL WITH WELDING AND CHEMICAL GROUTING.
 3. IIT MADRAS HAS TO INSPECT THE POSITION OF ANCHORAGE AND ADDITIONAL SHEAR KEYS BEFORE POURING THE CONCRETE.
 4. POLYMER MODIFIED MORTAR CAN BE APPLIED INLINE WITH THE REMAINING PORTION OF THE CONCRETE BEAMS.

- II. ANCHORING OF LIFT FOUNDATION TO THE EXISTING RAFT FOUNDATION**
1. THE COVER CONCRETE ON THE EXISTING RAFT FOUNDATION TO BE CHIPPED AND STEEL REINFORCEMENTS EXPOSED.
 2. PROPOSED RAFT FOUNDATION REINFORCEMENT COULD BE LAID ON THE EXPOSED STEEL REINFORCEMENTS OF THE EXISTING RAFT FOUNDATION AND WELDED.
 3. ADDITIONAL SHEAR KEYS COULD BE KEPT IN POSITION.
 4. IIT MADRAS HAS TO INSPECT THE WELDING OF STEEL REINFORCEMENTS AND POSITION OF SHEAR KEYS.
 5. A BOND COAT TO BE APPLIED ON THE EXPOSED CONCRETE OF RAFT FOUNDATION AND CONCRETE CAN BE POURED AFTER THE TACK FREE TIME OF BOND COAT.

Rev.No	Description	Design	Drawn	Checked
R0	For Approval	14.02.2025	01.05.2025	01.06.2025

PROJECT:
Lift Provision at TICEL Bio Park-III, Coimbatore.

CLIENT:
TICEL BIO PARK LTD
(TICEL Centre for Life Sciences)
No.5, CSIR Road, Taramani, Chennai-600113.
Tamilnadu, India.



DRAWING TITLE :
PROPOSED STRUCTURAL DETAILS FOR LIFT
(OPTION 02 - RCC STRUCTURE)

RELEASED FOR	APPROVAL	CONSTRUCTION	FOR TENDER
	☒	☐	☐