

STRUCTURAL DRAWINGS

PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10

FOR TENDER ISSUE

01. GENERAL NOTES :

- 1.1. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
- 1.2. ANY DISCREPANCIES BETWEEN ARCHITECTURAL & STRUCTURAL DRAWINGS TO BE NOTIFY TO THE ENGINEER / ARCHITECT .
- 1.3. ALL DIMENSIONS ARE IN MILLIMETERS AND ALL LEVELS ARE IN METERS .
- 1.4. ALL ELEVATIONS SHOWN IN THE DRAWINGS ARE FINISHED LEVELS. IT HAS TO BE ESTABLISHED WITH THE STRUCTURAL LEVELS, WHERE NECESSARY .
- 1.5. ANY CHANGE IN LEVELS, THE ARCHITECTS DRAWING SHALL TAKE PRECEDENT OVER THIS DRAWING. CONTRACTOR TO ADJUST ACCORDINGLY.
- 1.6. NOTIFICATIONS DENOTES AS FOLLOWS.

FEL - FINISHED FLOOR LEVEL	SC - STIFFENER COLUMN
FGL - FINISH GROUND LEVEL	CC - CONCRETE COLUMN
EGL - EXISTING GROUND LEVEL	WF - WALL FOUNDATION
F - FOOTING	PB - PLINTH BEAM
C - STEEL COLUMN	RF - RUBBLE FOUNDATION
ST - STUB COLUMN	RW - RETAINING WALL

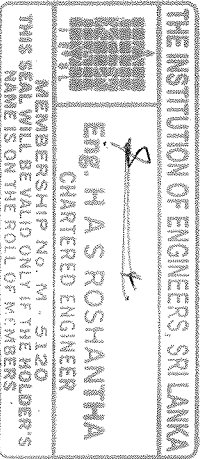
02. CONCRETE NOTES :

- 2.1. CEMENT USED FOR ALL CONCRETE WORKS SHALL BE ORDINARY PORTLAND CEMENT (OPC).
- 2.2. ALL CONCRETE WORKS SHALL BE IN ACCORDANCE WITH BS 8110 AND SPECIFICATIONS.
- 2.3. CONCRETE TESTING SHALL BE IN ACCORDANCE WITH BS 1881, UNLESS OTHERWISE SPECIFIED.
- 2.4. CONCRETE IN THE FOLLOWING AREAS SHALL HAVE SAND CRUSHED STONE AGGREGATES AND ORDINARY PORTLAND CEMENT PROPORTIONED TO PRODUCE A DENSE WORKABLE MIX WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER. IT SHALL HAVE THE PROPERTIES INDICATED BELOW.

- A. ALL REINFORCED CONCRETE SHALL BE GRADE 25 WITH MAXIMUM AGGREGATE SIZE 20mm UNLESS NOTED OTHERWISE.
- B. ALL SCREED CONCRETE SHALL BE GRADE 15 WITH MAXIMUM AGGREGATE SIZE 40mm UNLESS NOTED OTHERWISE.
- C. CONCRETE FOR THE TOILET FLOOR FILLING SHALL BE GRADE 20 WITH MAXIMUM AGGREGATE SIZE FOR 20mm UNLESS NOTED OTHERWISE.
- D. ALL CONCRETE FOR GROUND FLOORS SHALL BE GRADE 20 WITH MAXIMUM AGGREGATE SIZE 20mm UNLESS NOTED OTHERWISE.

- 2.5. CONCRETE SHALL BE WELL COMPACTED BY MECHANICAL MEANS WITHOUT SEGREGATION.
- 2.6. ALL CONCRETE SURFACES, EXCEPT THOSE COVERED BY FORM WORK, SHALL BE CURED TO THE SATISFACTION OF THE ENGINEER.
- 2.7. EXCEPT AS DETAILED ON STRUCTURAL DRAWINGS, NO SLABS, OR BEAMS, SHALL BE SLEEVED FOR PIPING OR DUCTS, UNLESS APPROVED BY THE ENGINEER.
- 2.8. DEBRIS SHALL BE ENTIRELY REMOVED FROM FORMS PRIOR TO PLACING OF CONCRETE. ANY DEFECTS IN THE HARDENED CONCRETE SHALL BE SATISFACTORILY REPAIRED AND/OR REPLACED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REMOVE AND REPLACE ANY CONCRETE WHICH FAILS TO ATTAIN SPECIFIED STRENGTHS, IF SO DIRECTED BY THE ENGINEER.
- 2.9. MINIMUM FREE FALL OF CONCRETE SHOULD BE LIMITED TO 1.5m DURING THE PLACEMENT OF CONCRETE. IN THE EVENT LIFT HEIGHT IS GREATER THAN 1.5m TREMIE PIPE OR SIMILAR APPROVED ARRANGEMENT SHOULD BE USED. CASTING OF COLUMNS TOGETHER WITH SLABS AND BEAMS WILL NOT BE ALLOWED.
- 2.10. UNLESS OTHERWISE SPECIFIED A LAYER OF 50mm THICK GRADE 15 CONCRETE TO BE PROVIDED BELOW ALL REINFORCED CONCRETE STRUCTURES IN CONTACT WITH THE GROUND.

CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTI - A CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, N/11 TAMBURA EMAIL- PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON,MGT), C ENG MIE, ASSP (GBCSL) DRAWN - DINETH RAMASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	GENERAL NOTES -01	DATE : 2024.11.04 PC/MALG/ST/01



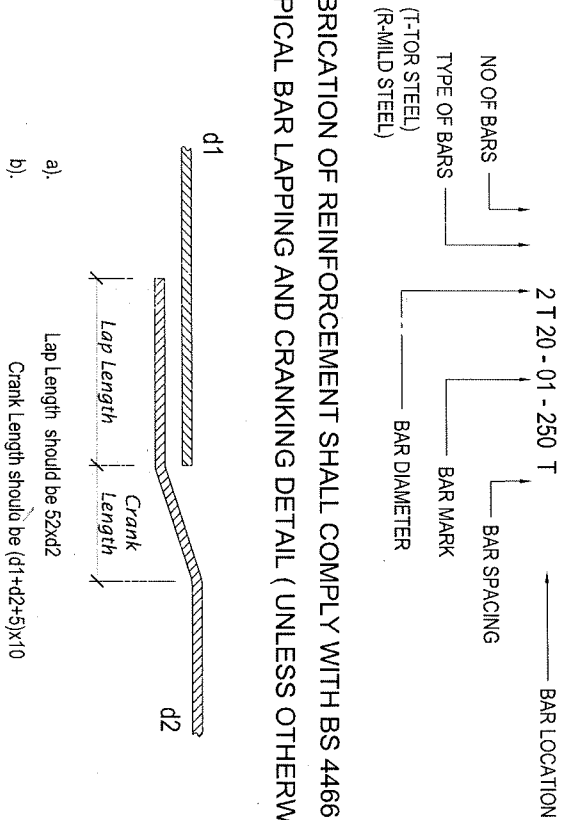
03. REINFORCEMENT STEEL NOTES :

- 3.1. ALL STEEL REINFORCEMENT BARS AND WELDED STEEL FABRIC REINFORCEMENT SHALL COMPLY WITH BS 4449 .
USE OF REINFORCEMENT FOR THE WORK WILL BE CONSIDERED ONLY UPON SUBMITTAL OF RELEVANT INFORMATION TO THE ENGINEER FOR APPROVAL. SUBMITTALS SHALL INCLUDE MILL CERTIFICATES OR OTHER RECOGNIZED CERTIFICATIONS CLEARLY INDICATING STRENGTH, ULTIMATE STRENGTH, AND BAR BEND TEST. ENGINEER MAY ORDER ADDITIONAL REQUIRED. TESTS TO BE CARRIED OUT, AS MAY BE THE MATERIAL COMPOSITION YIELD.
- 3.2. NO REINFORCING BARS SHALL BE WELDED, UNLESS SPECIFICALLY NOTED OR APPROVED BY ENGINEER.
- 3.3. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE NOTED BELOW, UNLESS OTHERWISE INDICATED.

A. CONCRETE SURFACES PROTECTED AGAINST WEATHER OR AGGRESSIVE CONDITION - 25mm
B.. CONCRETE SURFACES IN CONTACT WITH SOIL - 40mm
C.. CONCRETE SURFACES CAST AGAINST A BLINDING LAYER - 40mm
- 3.4. REINFORCING BARS SHOULD BE LAPPED ONLY AS SHOWN ON THE DRAWINGS.
- 3.5. ABBREVIATIONS FOR REINFORCEMENT.

R - MILD STEEL OF CHARACTERISTIC STRENGTH OF 250N/Sq.mm ACCORDING TO BS 4449.
T - HIGH YIELD STEEL OF CHARACTERISTIC STRENGTH OF 460 N/Sq.mm ACCORDING TO BS 4449.

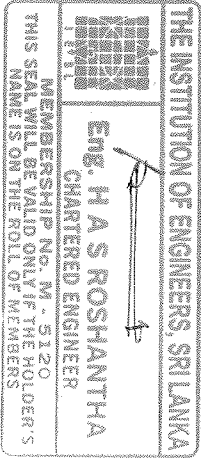
NOTATION TO REINFORCEMENT .



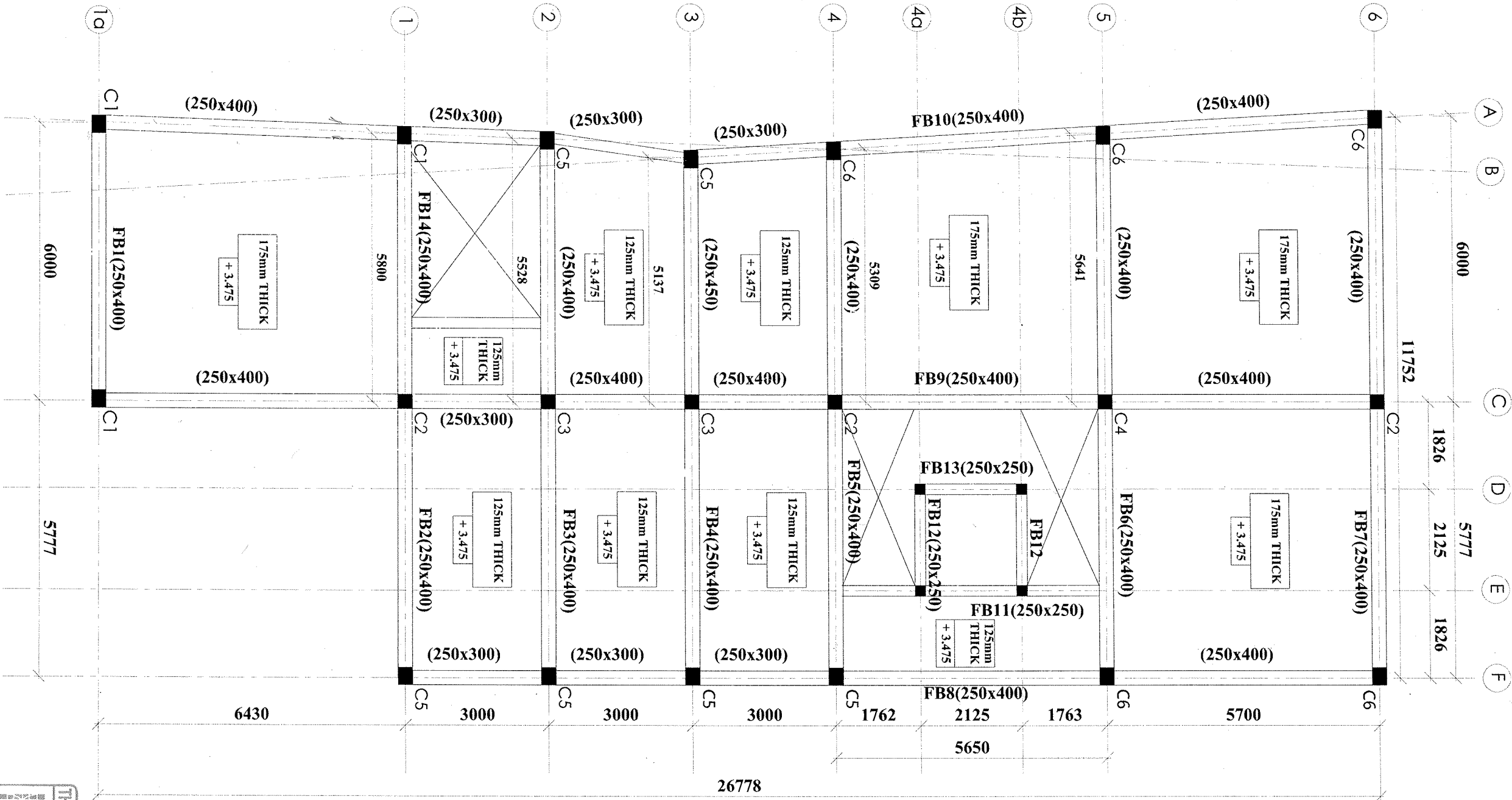
04. LOADING :

IMPRESED LOAD

1. 1STFLOOR = 4.0 KN/m² (REYNOLDS HAND BOOK TABLE 06)
2. 2nd FLOOR = 1.5KN/m²



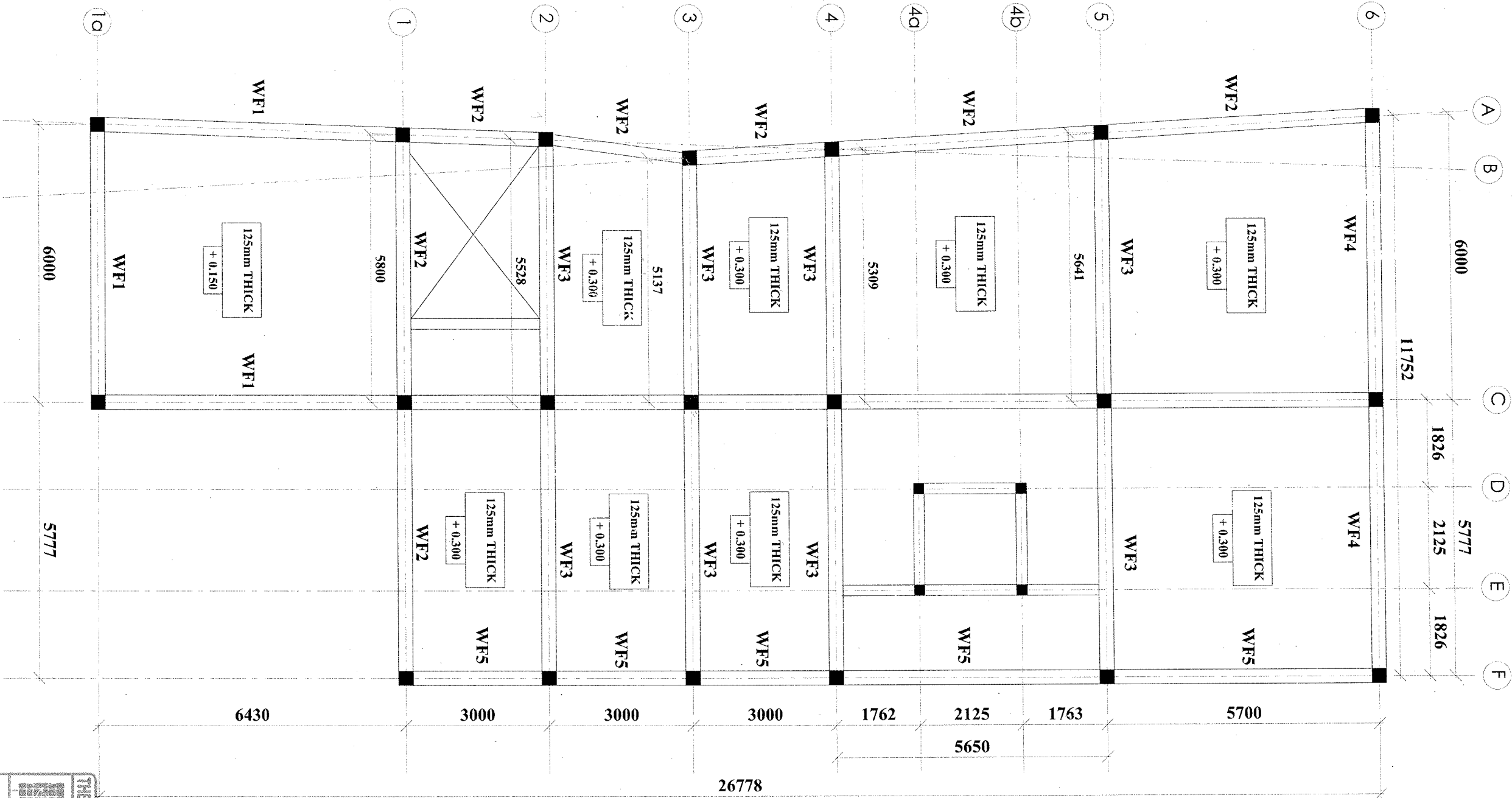
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
PREMAJAYANTHA CONSTRUCTION(PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBULUWA EMAIL:PREMAJAYANTHA@CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA@CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.),PG DIP (CON,MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINEETH RANASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	GENERAL NOTES -02	DATE : 2024.11.04 PC/MALIG/ST/01/01



FIRST FLOOR BEAM LAYOUT PLAN (+3.475)

THE INSTITUTION OF ENGINEERS, SRI LANKA
MEMBERSHIP No. M - 5120
Eng. H A S ROSHANTHA
CHARTERED ENGINEER
THIS SEAL WILL BE VALID ONLY IF THE HOLDER'S
NAME IS ON THE ROLL OF MEMBERS

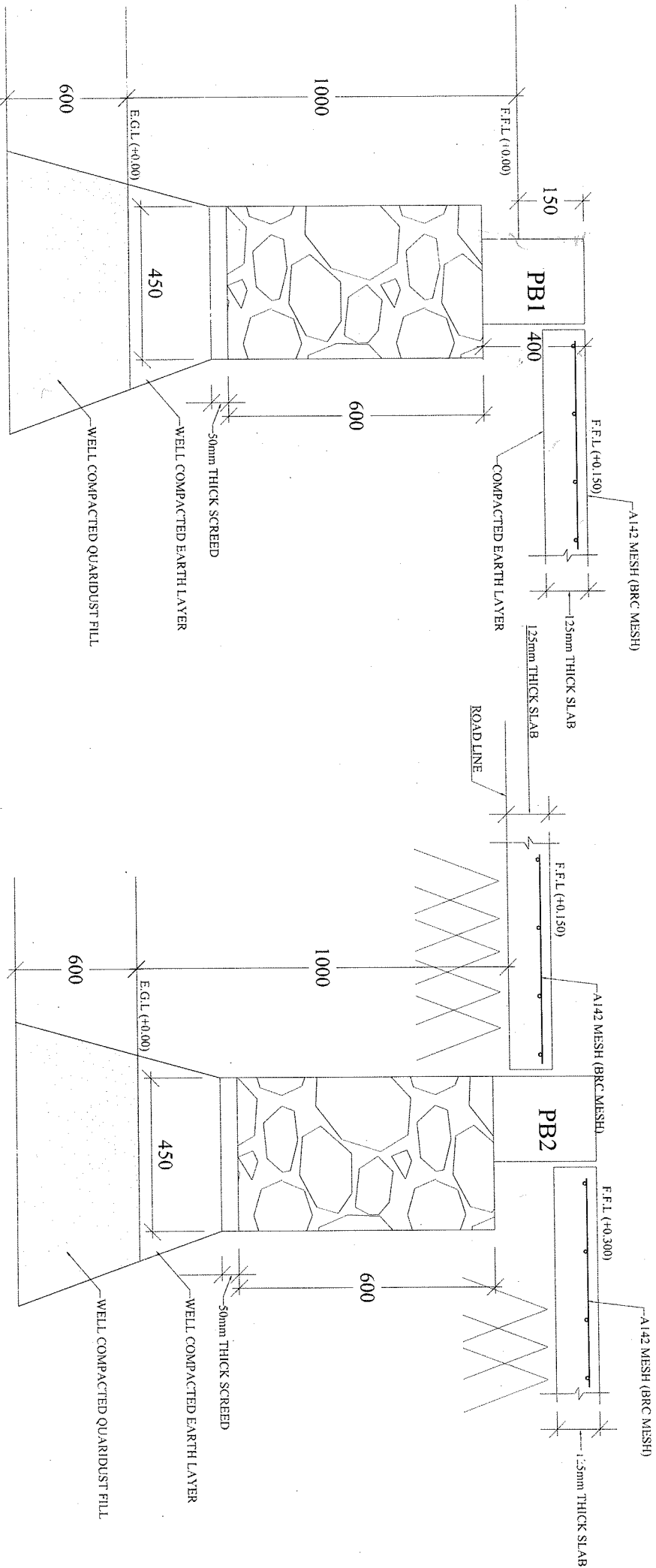
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL	DATE
 PREMAJAYANTHI'S CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL: PREMAJAYANTHI.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 077984630 WEB - WWW.PREMAJAYANTHI.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.), PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSI)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	FIRST FLOOR BEAM LAYOUT PLAN	DATE : 2024.11.04 PC/MALIG/ST/04



TYPICAL WALL FOUNDATION DETAIL

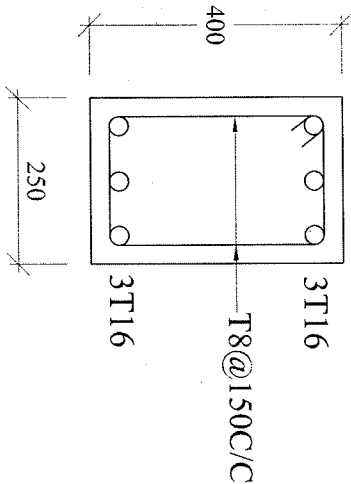
CONTRACT:	STRUCTURAL ENGINEER	PROJECT :	DETAIL	DATE
OUR STRENGTH IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHIHA, NITTAMBUWA EMAIL: PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.), PG DIP (CON. MGT), C ENG MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	TYPICAL WALL FOUNDATION DETAIL	DATE : 2024.11.04 PC/MALG/ST/02/01



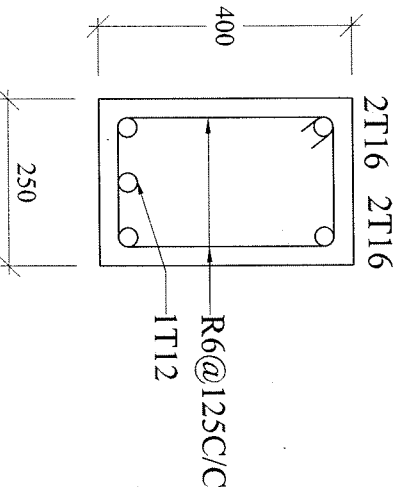


WF1

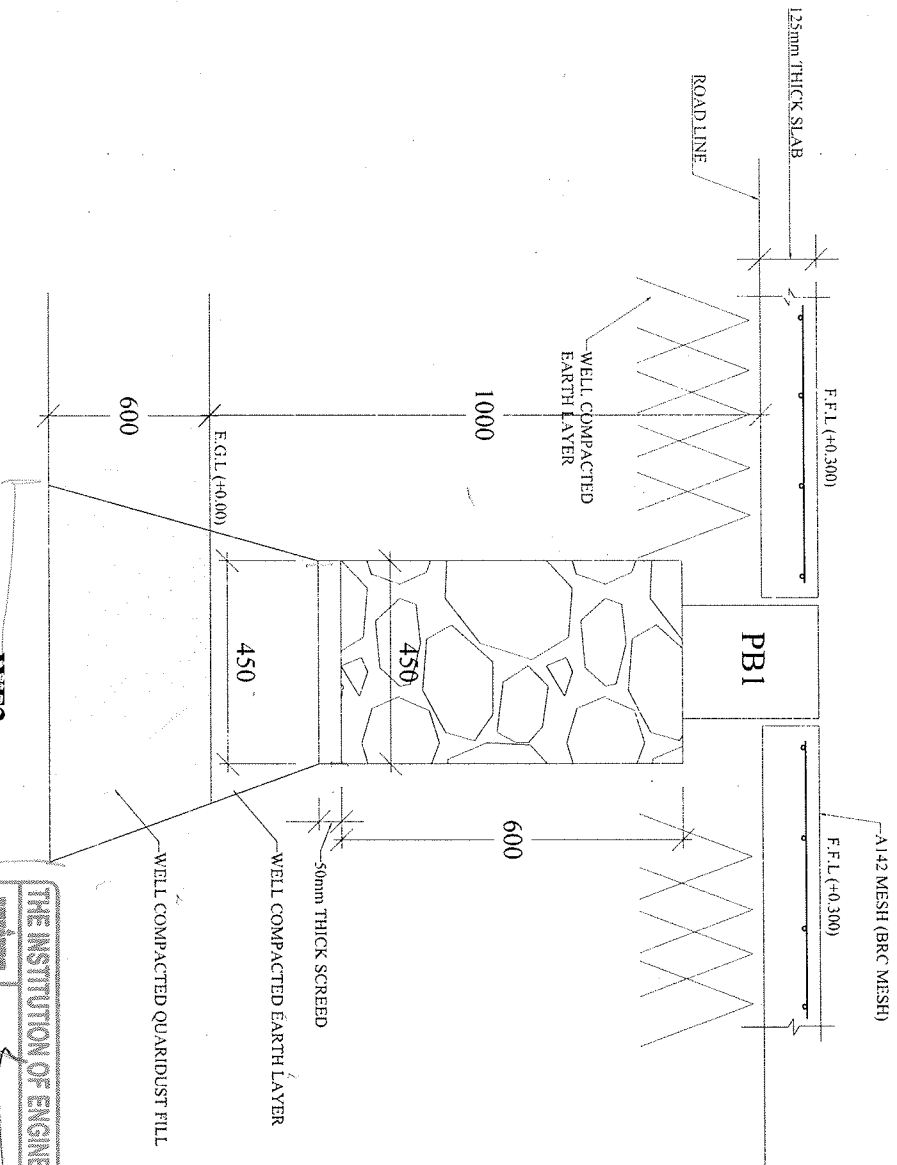
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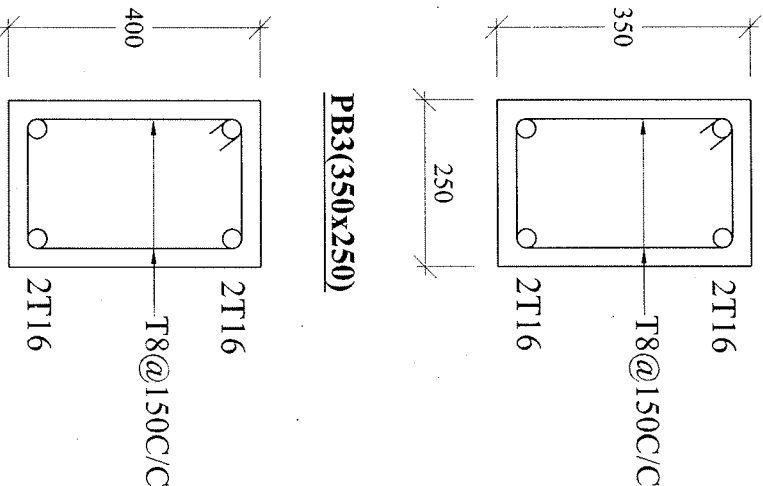
PB1(400x250)



PB2(400x250)



WF3



PB3(350x250)

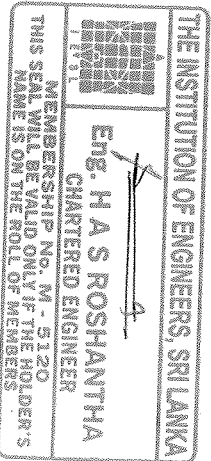
PB3(400x250)



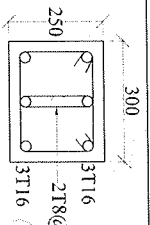
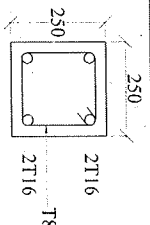
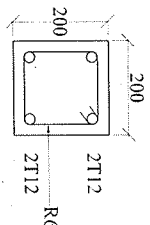
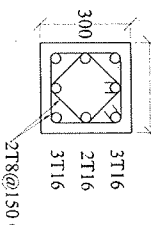
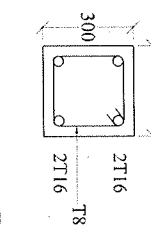
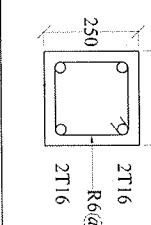
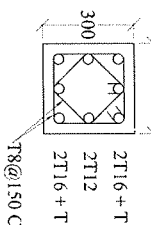
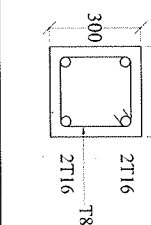
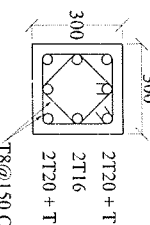
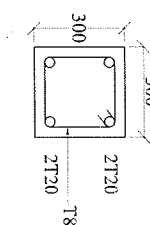
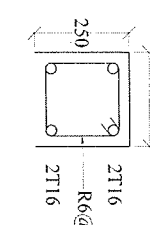
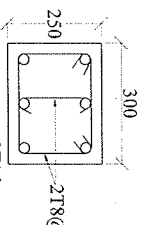
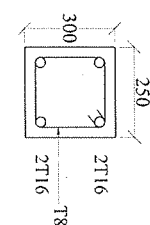
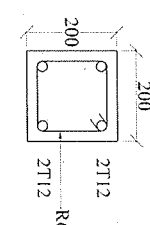
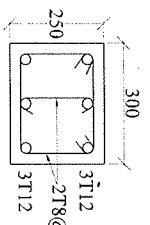
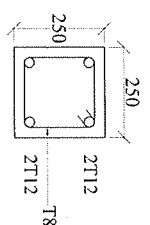
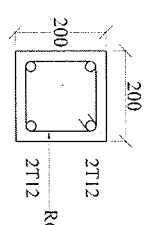
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT	DETAIL	DATE
PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, NITTABUWA EMAIL- PREMAJANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJANTHACONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG),PG DIP (CON,MGT), C ENG MIE, ASSP(GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION MR.DEVTHAPPUHAM KANDY	WF1, WF2, WF3, WF4 DETAIL	DATE : 2024.10.04 PC/MALIG/ST/02/02

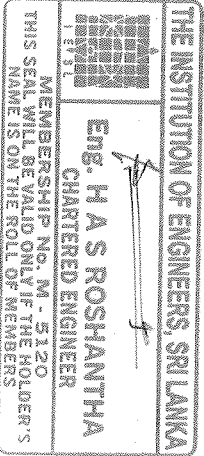
FOOTING SCHEDULE			
FOUNDATION TYPE	FOUNDATION SIZE (L x W x D)	FOUNDATION REINFORCEMENT	CONCRETE GRADE
F1	1600 x 1850 x 325	T12-01 - 150 C/C B1 T12-02 - 175 C/C B2 T10-03 - 200 C/C T1 T10-04 - 225 C/C T2	C 25
F2	1950 x 1950 x 350	T12-01 - 175 C/C B1 T12-02 - 175 C/C B2	C 25
F3	1670 x 1670 x 300	T12-01 - 200 C/C B1 T12-02 - 200 C/C B2	C 25
F4	2350 x 2350 x 400	T16-01 - 200 C/C B1 T16-02 - 200 C/C B2	C 25
F5	1100 x 1400 x 275	T10-01 - 175 C/C B1 T10-02 - 175 C/C B2	C 25
F6	1000 x 1300 x 275	T10-01 - 150 C/C B1 T10-02 - 175 C/C B2 T10-03 - 200 C/C T1 T10-04 - 225 C/C T2	C 25
F7	1500 x 1850 x 325	T12-01 - 200 C/C B1 T12-02 - 225 C/C B2 T10-03 - 200 C/C T1 T10-04 - 225 C/C T2	C 25
F8	1600 x 1600 x 300	T10-01 - 175 C/C B1 T10-02 - 175 C/C B2	C 25
F9	1100 x 1450 x 275	T10-01 - 150 C/C B1 T10-02 - 175 C/C B2 T10-03 - 200 C/C T1 T10-04 - 225 C/C T2	C 25

NOTE-
PLEASE REFER THE RELEVANT TYPICAL FOUNDATION DETAIL FOR CONSTRUCTION

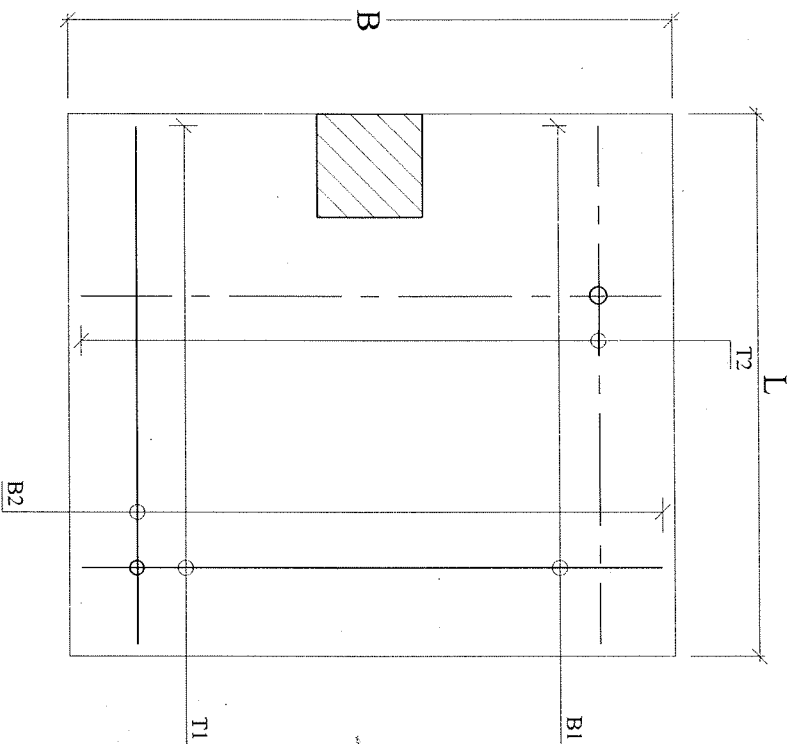
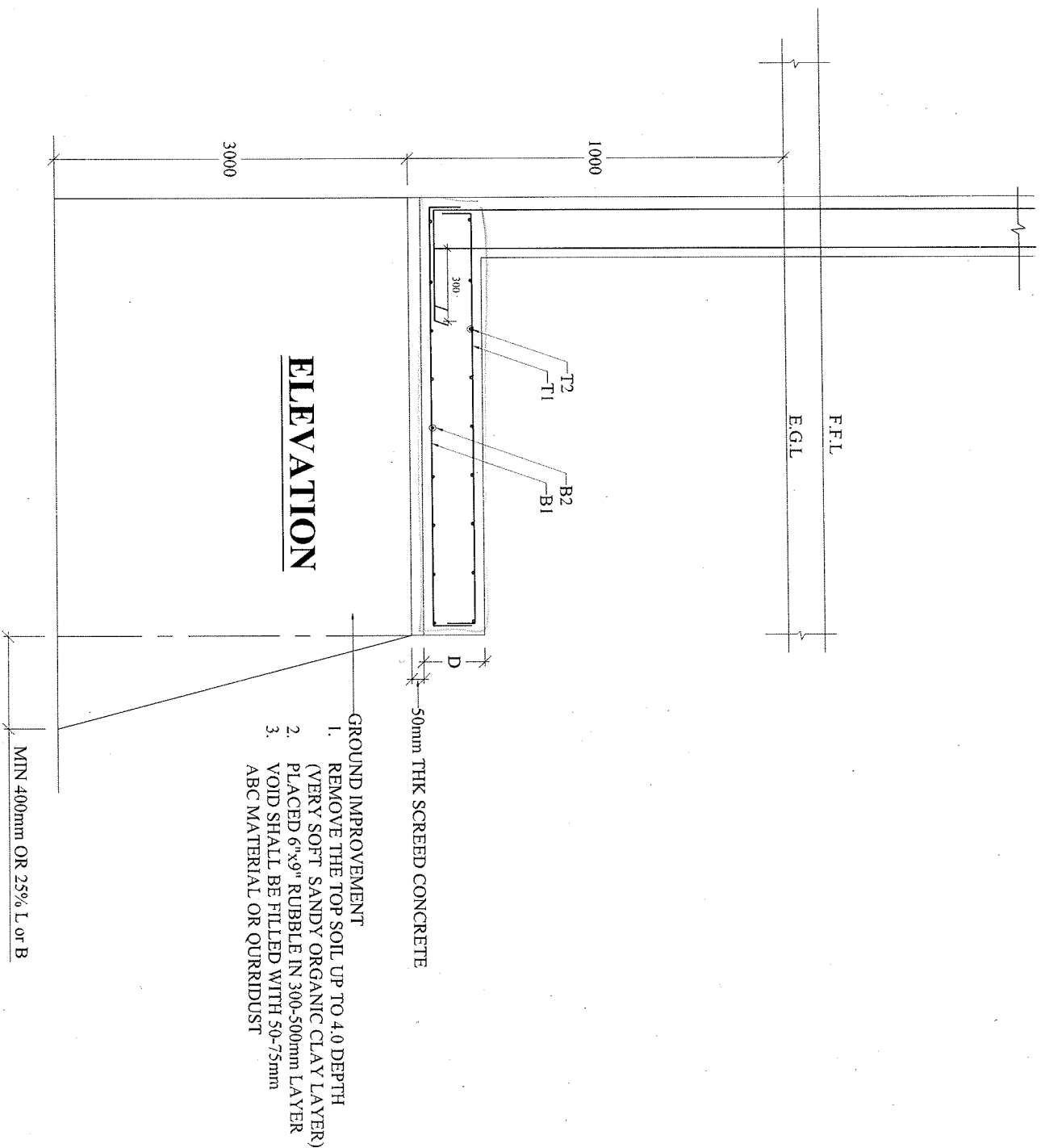


CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 OUR STREET - 115 ROAD 11/55 PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHA , NITTAMBUWA EMAIL- PREMAJANTHA@CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJANTHA@CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION MR.DEVITHAPPUHAMI KANDY	FOOTING SCHEDULE	DATE : 2024.10.04 PC/MALIG/ST/03

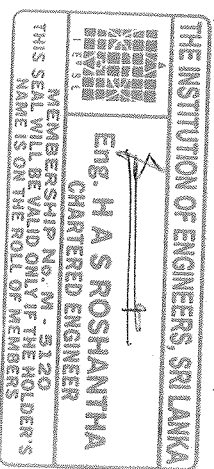
STUB COLUMN TYPE (ST)	COLUMN SIZE			STUB COLUMN REINFORCEMENT		
	G.F TO F.F	F.F TO S.F	S.F TO R.F	UP TO DPC	G.F TO F.F	F.F TO S.F
C1	300 x 250	250 x 250	200 x 200			
C2	300 x 300	300 x 300	250 x 250 200 x 200			
C3	300 x 300	300 x 300	-			NA
C4	300 x 300	300 x 300	250 x 250			
C5	300 x 250	300 x 250	200 x 200			
C6	300 x 250	250 x 250	200 x 200			



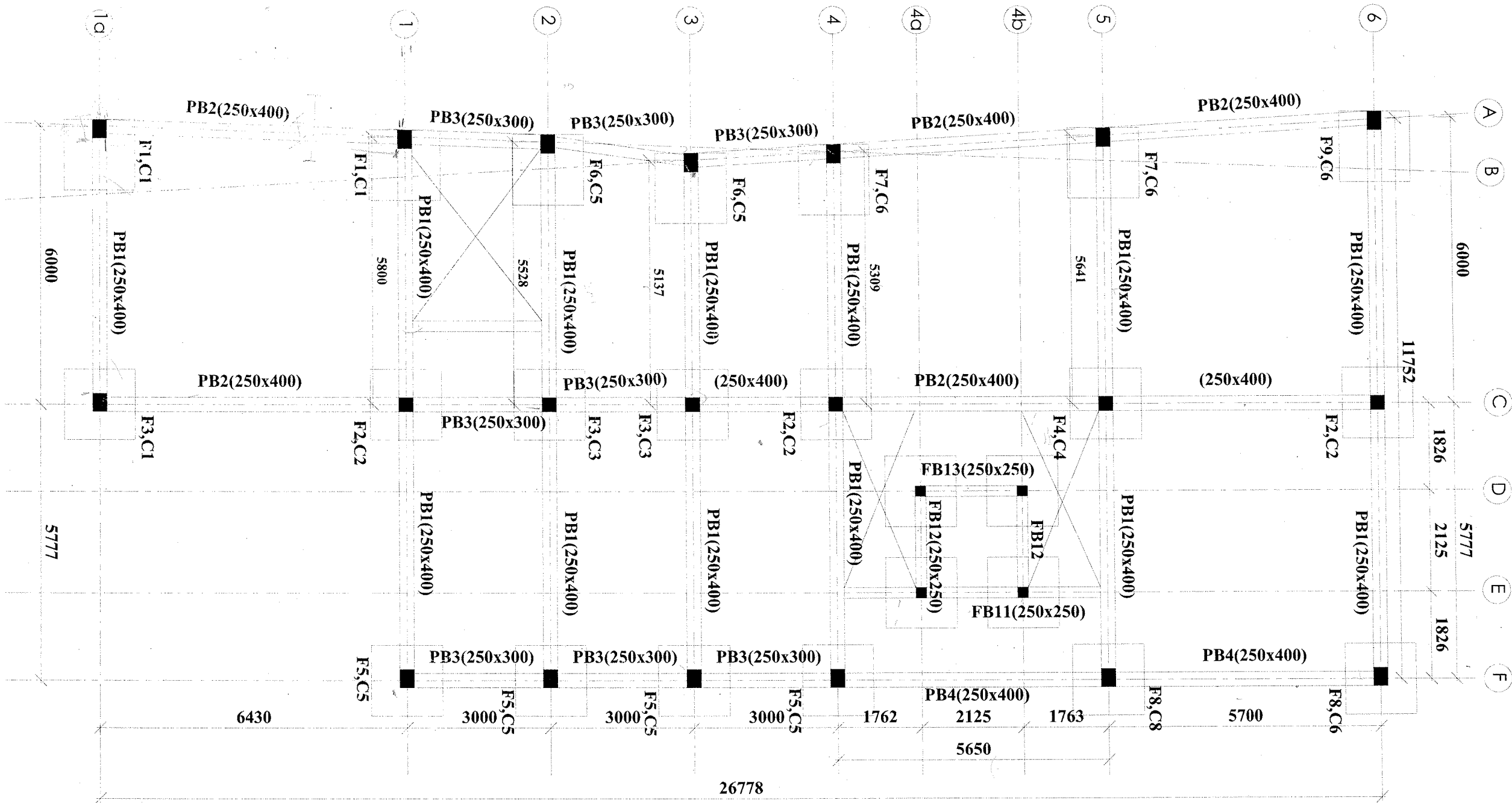
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/A, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL- PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 077984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON.MGT), C ENG MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION MR. DEVTHAPPUHAMI KANDY	FOOTING SCHEDULE	DATE : 2024.10.04 PC/MALIG/ST/03/01



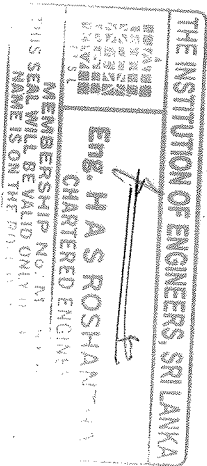
**TYPICAL FOUNDATION DETAIL
FOR TYPE F1,F6,F7 & F9**



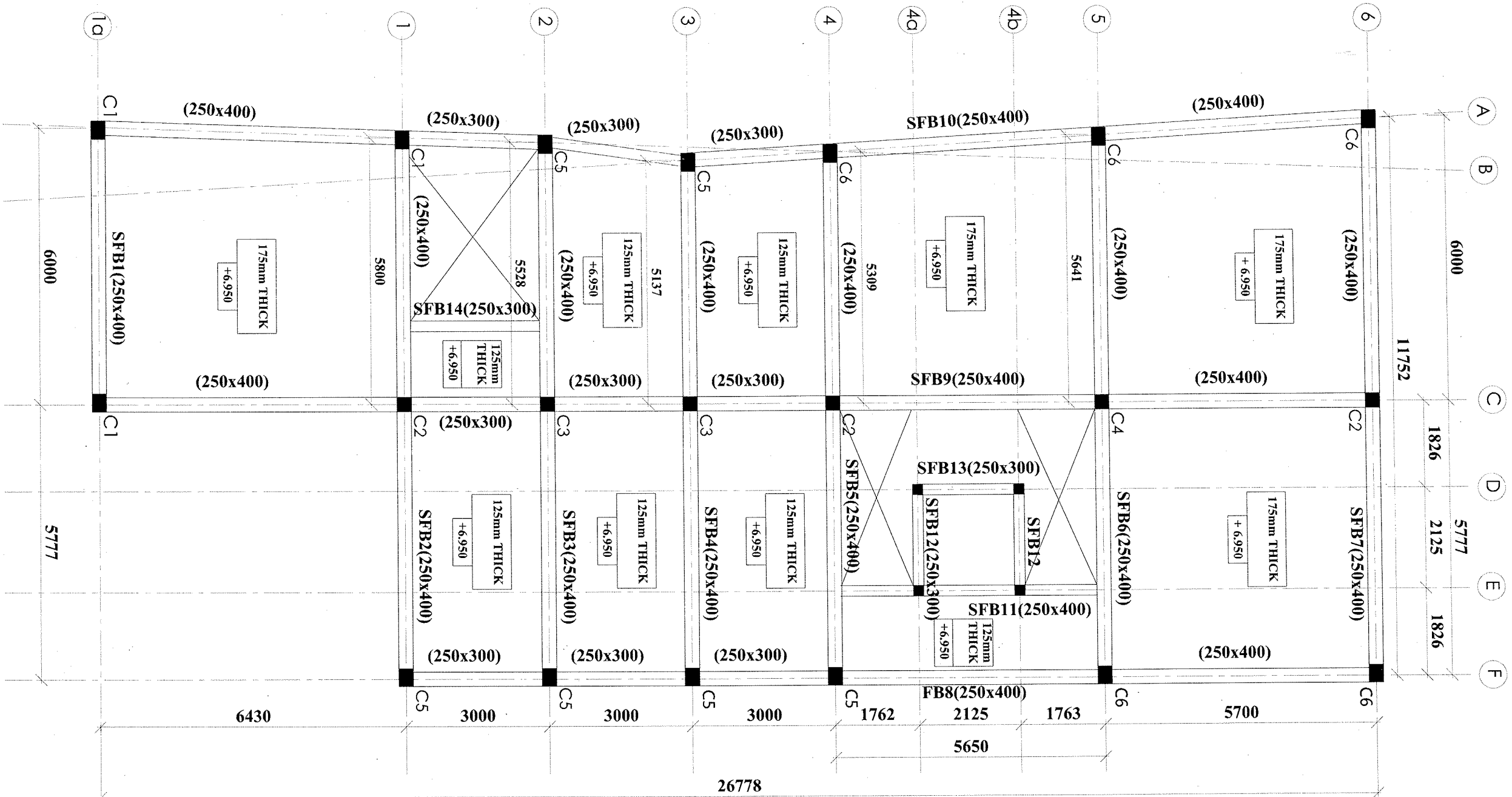
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 OUR STRONG IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL- PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.),PG DIP (CON.,MGT), C ENG MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION MR.DEVITHAPPUHAM KANDY	TYPICAL FOUNDATION DETAIL F1,F6,F7,F9	DATE : 2024.10.04 PC/MALG/ST/03/02



COLUMN FOUNDATION LAYOUT PLAN



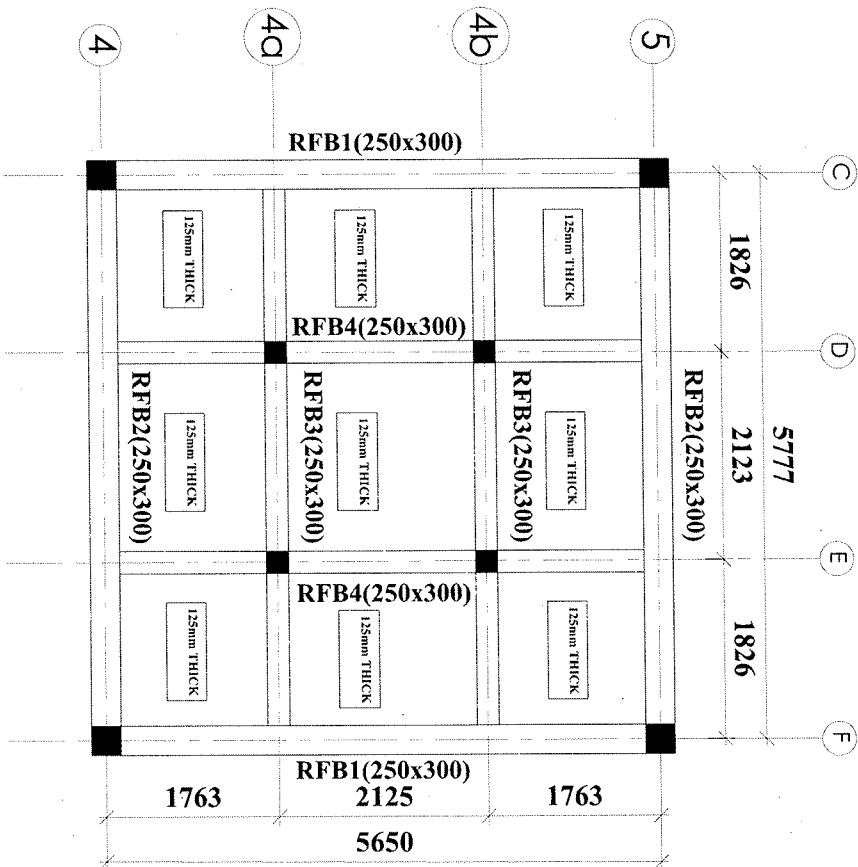
CONTRACT R	STRUCTURAL ENGINEER	PROJECT :	DETAIL	DATE
PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWA TITTA, NITTAMBUWA EMAIL: PREMAJAYANTHA@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S. ROSHAN CONSULTANT ENGINEER BSC(ENG), PG DIP (CONSTR.), C. ENG MIE, ASSP (GBCS)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	COLUMN FOUNDATION LAYOUT PLAN	DATE : 2024.11.04 PC/MALIG/ST/02



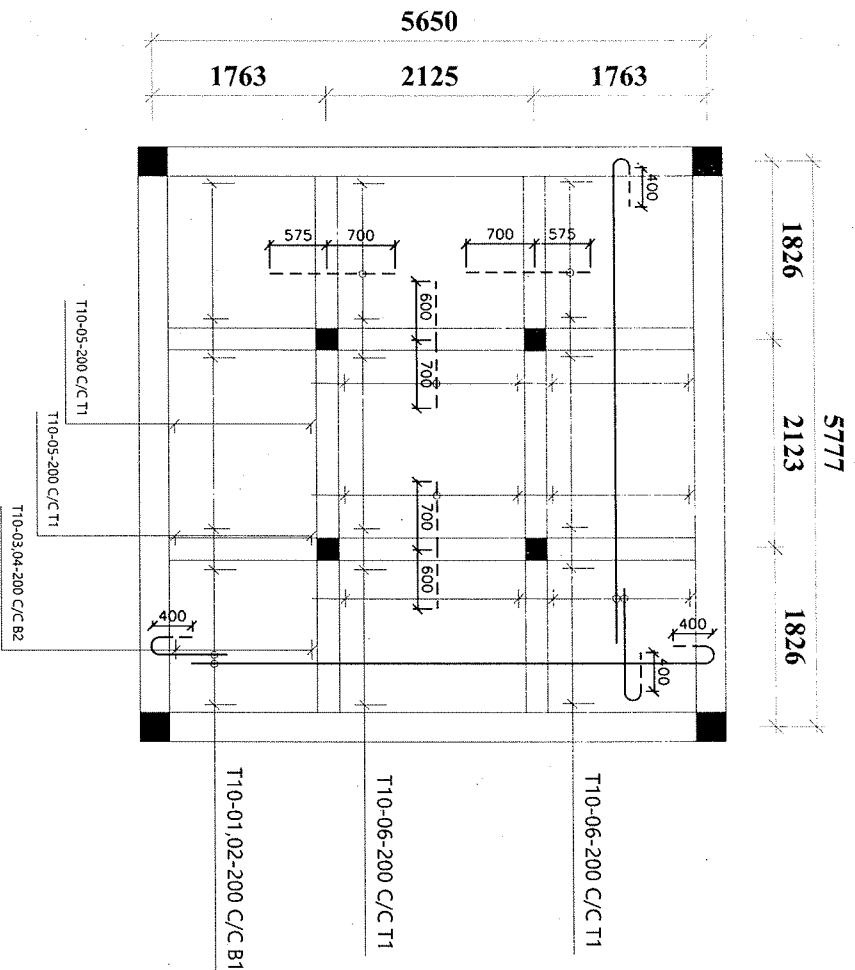
SECOND FLOOR BEAM LAYOUT PLAN (+6.950)

THE INSTITUTION OF ENGINEERS, SRI LANKA
MEMBERSHIP NO. M - 5120
NAME IS ON THE ROLL OF MEMBERS
Eng. H A S ROSHANTHA
CHARTERED ENGINEER

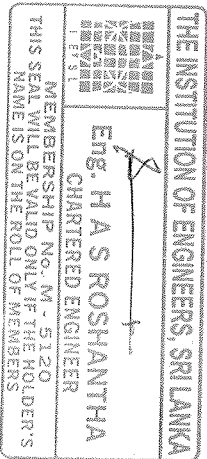
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OUR STRENGTH IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, NITTAMBUWA EMAIL: PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.), PG DIP (CON.MGT), C ENG MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM LAYOUT PLAN	DATE : 2024.11.04 PC/MALIG/ST/05



THIRD FLOOR BEAM LAYOUT PLAN (+10.275)



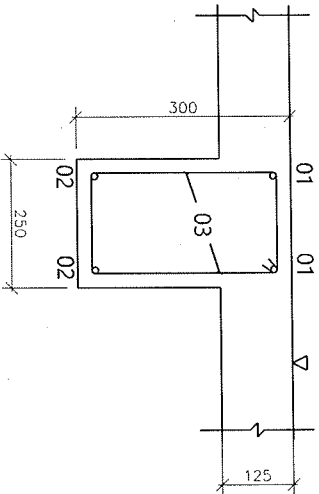
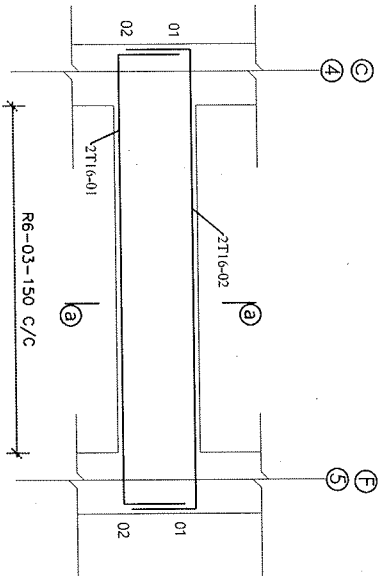
THIRD FLOOR SLAB R/F DETAIL



NOTE-
PROVIDE DISTRIBUTION
REINFORCEMENT 12/12@225C/C

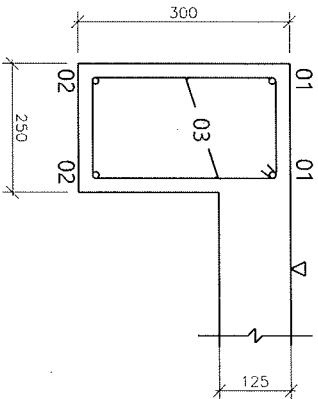
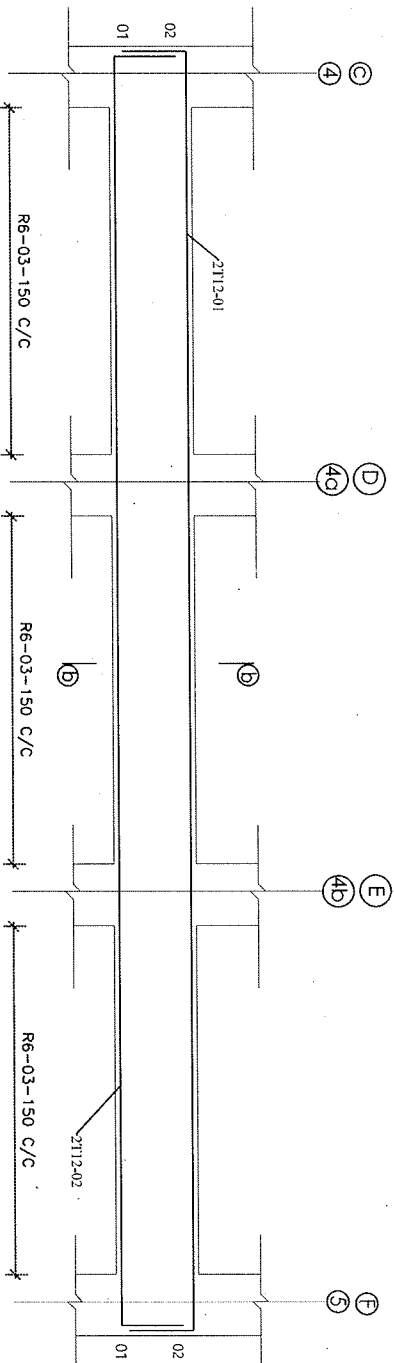
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL	DATE
 OUR STRENGTH IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL-PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.),PG DIP (CON.MGT), C ENG MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	THIRD FLOOR BEAM LAYOUT PLAN THIRD FLOOR SLAB R/F DETAIL	DATE : 2024.11.04 PC/MALG/ST/06

RFB1 (250x300) C,F(4-5)
RFB2 (250x300) 4,5(C-F)

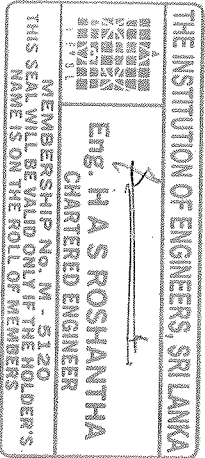


SECTION a-a

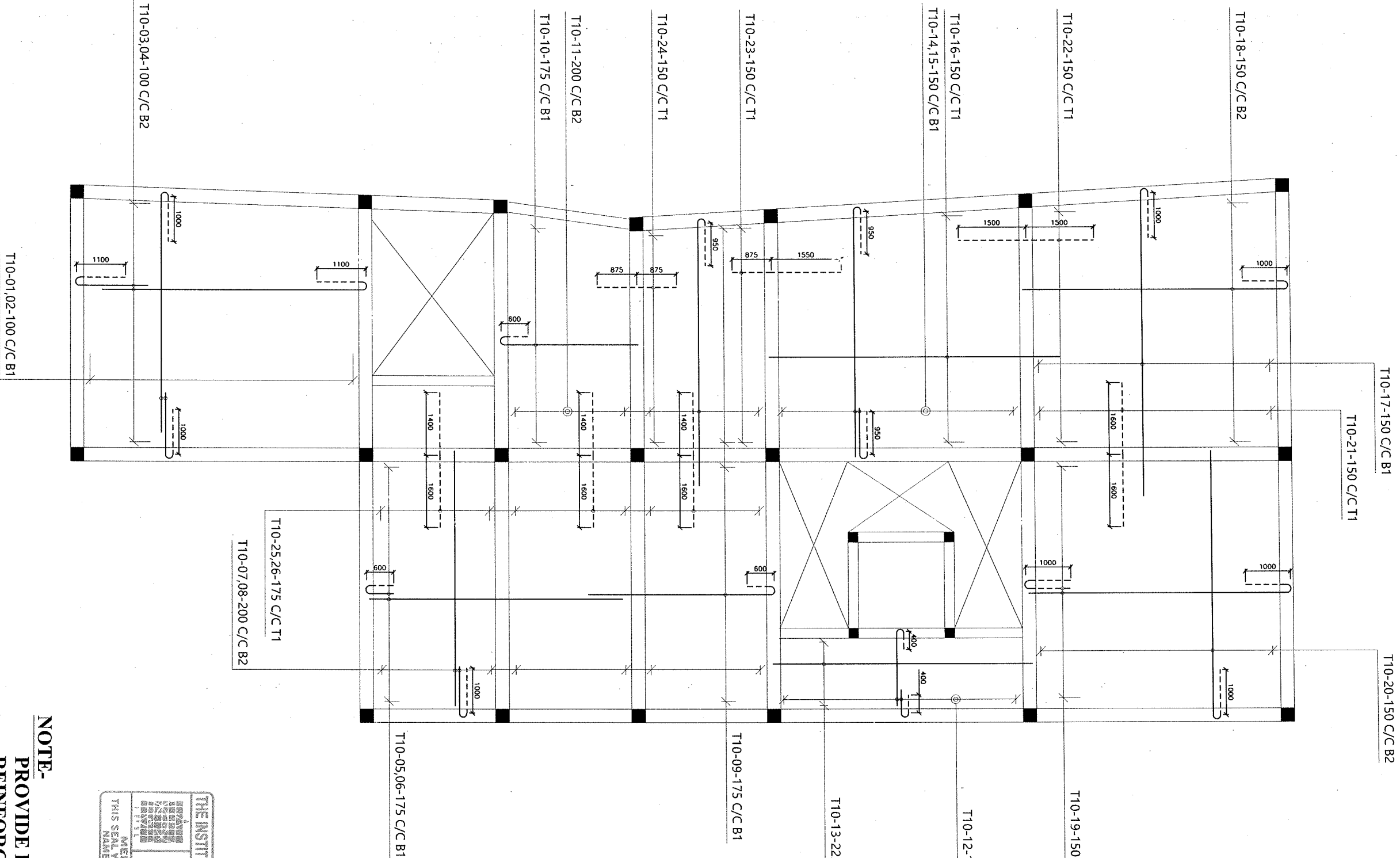
RFB3 (250x300) 4a,4b(C-F)
RFB4 (250x300) D,E(4-5)



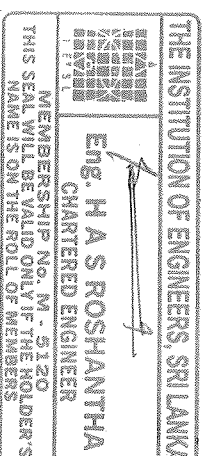
SECTION b-b



CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL- PREMAJAYANTHA@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA@GMAIL.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.),PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RANASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	THIRD FLOOR BEAM DETAIL 01	DATE : 2024.11.04 PC/MALG/ST/06/01



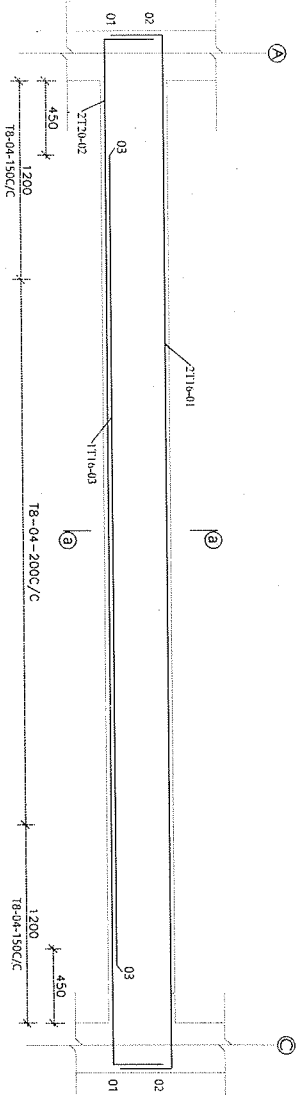
NOTE-
PROVIDE DISTRIBUTION
REINFORCEMENT T2(T2@225C/C)



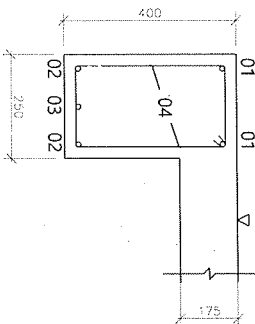
FIRST FLOOR SLAB R/F DETAIL

CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL	DATE
 OUR STRENGTH IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, NITTAMBUWA EMAIL- PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON, MGT), C. ENG. MIE, ASSP (GBCSL)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	FIRST FLOOR SLAB R/F DETAIL	DATE : 2024.11.04 PC/MALIG/ST/08

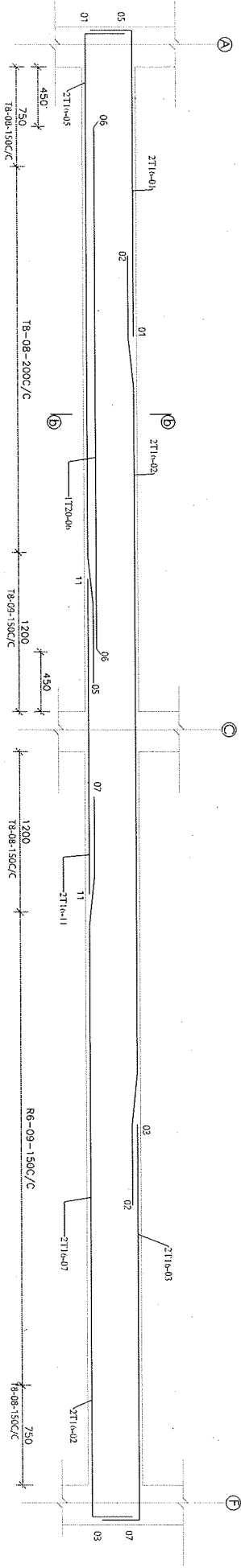
FB1 (250x400) 1a(A-C)



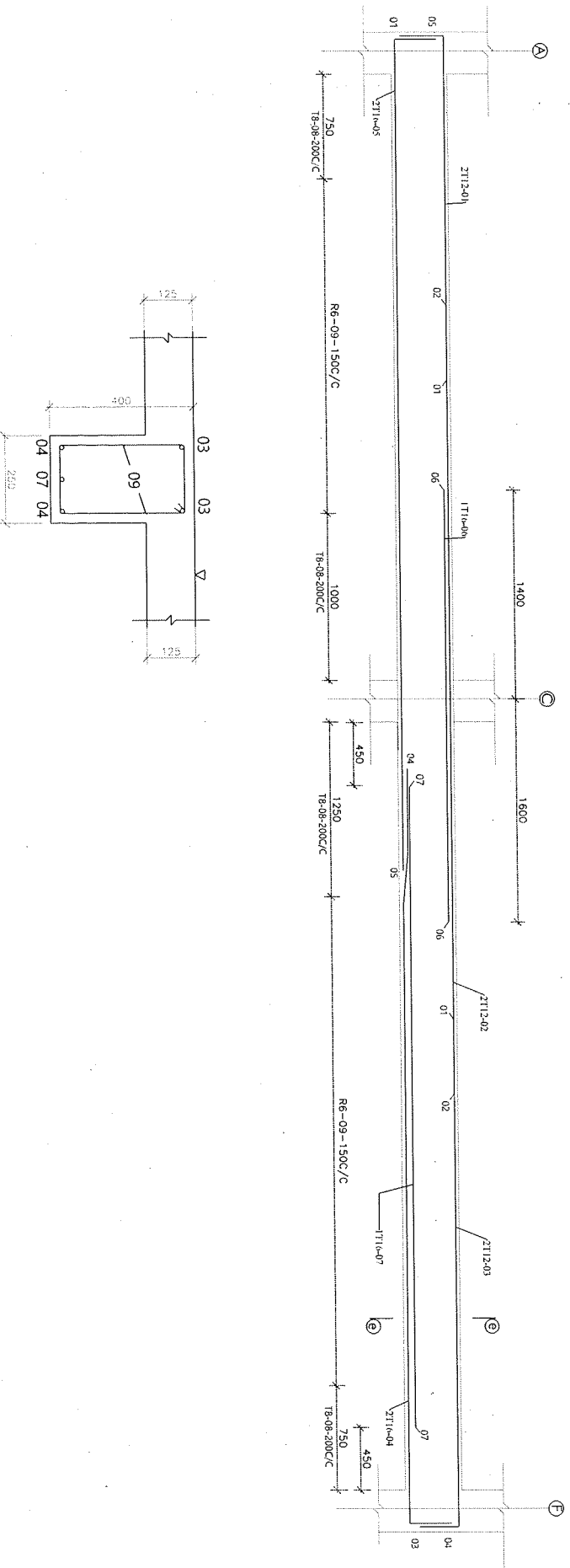
SECTION a-a



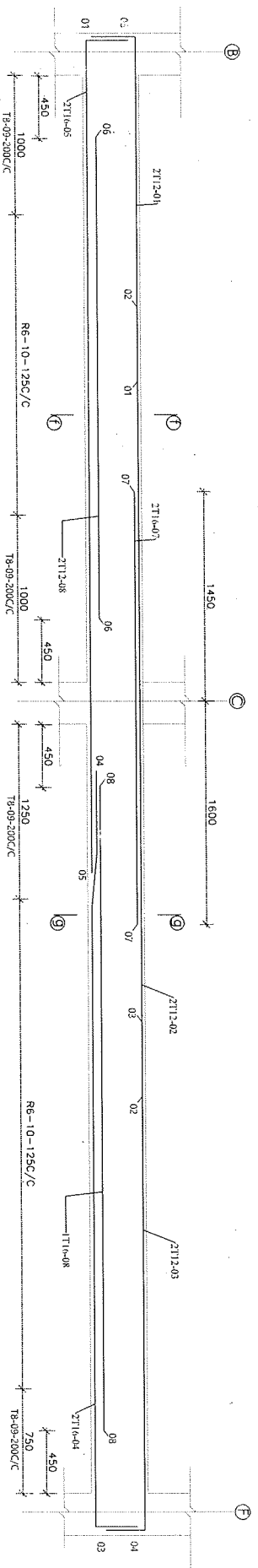
FB2 (250x400) 1(A-F)



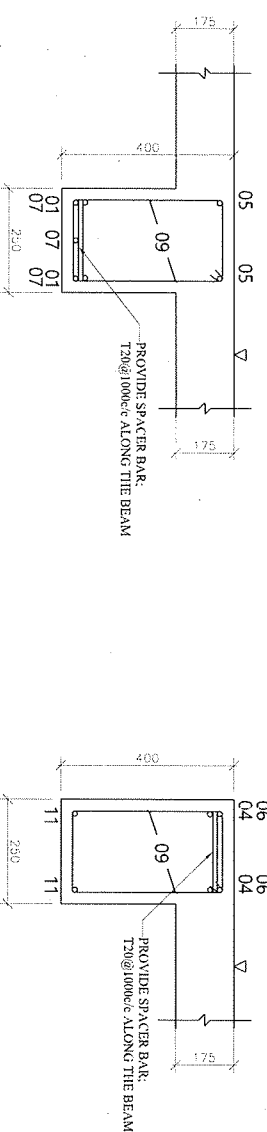
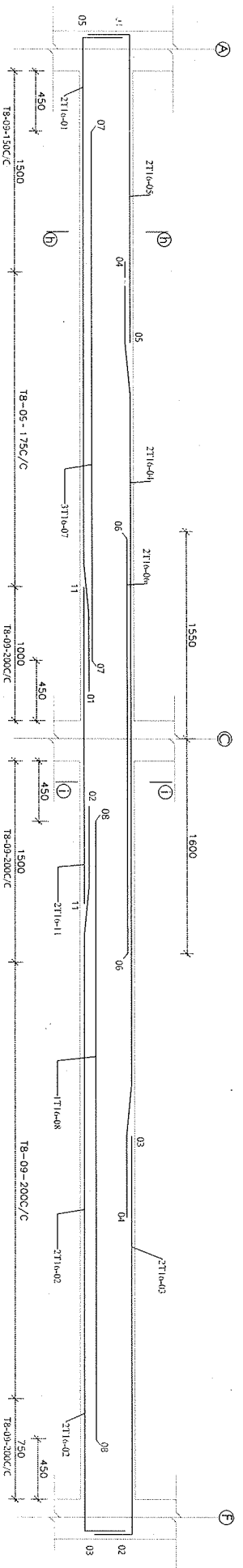
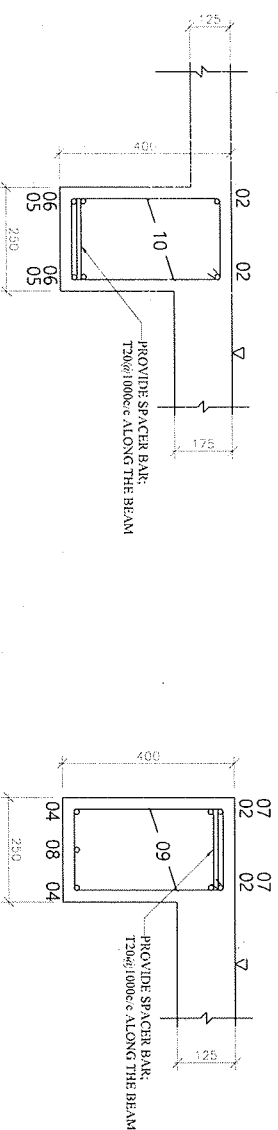
FB4 (250x400) 3(A-F)



FB5 (250x400) 4(B-F)

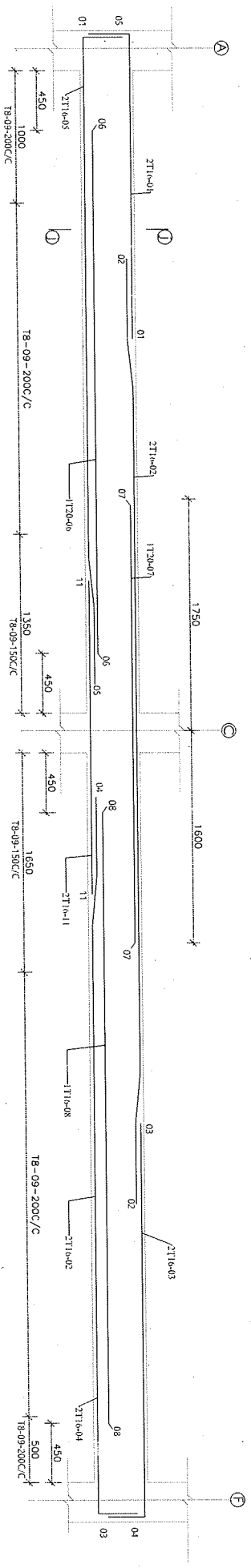


FB6 (250x400) 5(A-F)

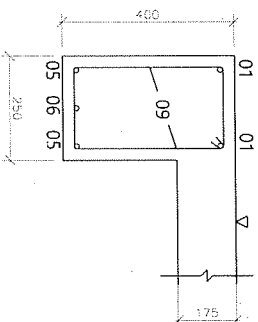


CONTRACTOR  OUR COMMITMENT IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHYTHA, NITTAMBUWA EMAIL-PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM TEL - 0332297/820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER STRUCTURAL ENGINEER H.A.S ROSHANATHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RAMASINGHE	PROJECT : PROPOSED OFFICE BUILDING FOR 10C FILLING STATION COLOMBO 10	DETAIL : FIRST FLOOR BEAM DETAIL 02	DATE DATE : 2024.11.04 PC/MALIG/ST/07/02
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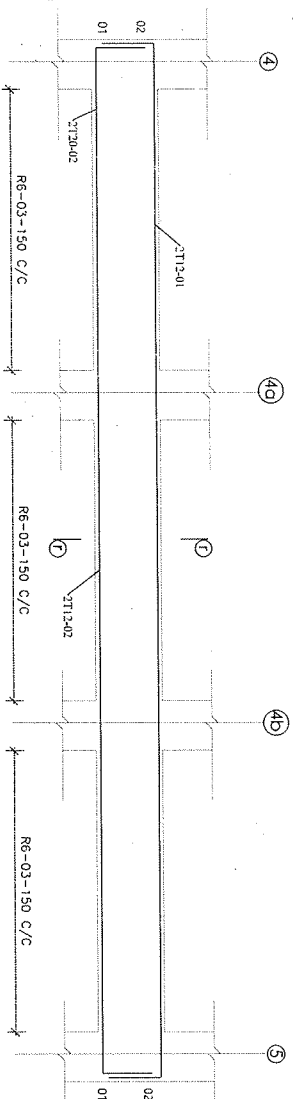
FB7 (250x400) 6(A-F)



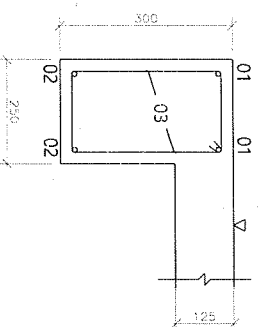
SECTION I-I



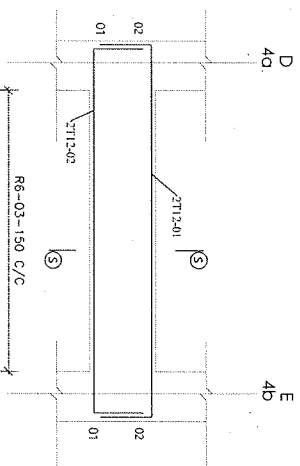
FB11 (250x300) E(4-5)



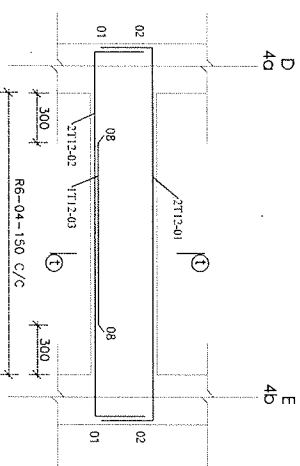
SECTION r-r



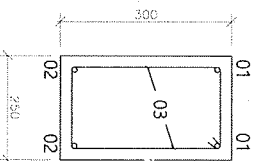
FB12 (250x300)
FB13 (250x300)



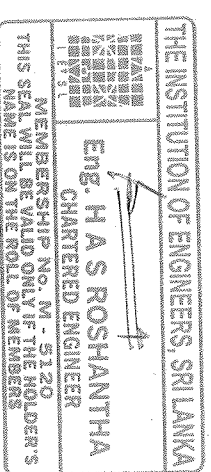
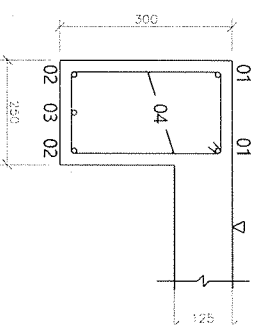
FB14 (250x300)



SECTION S-S



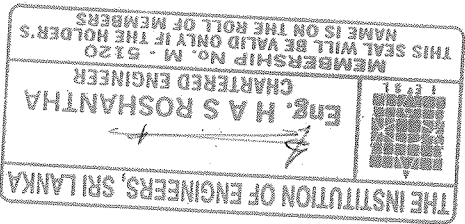
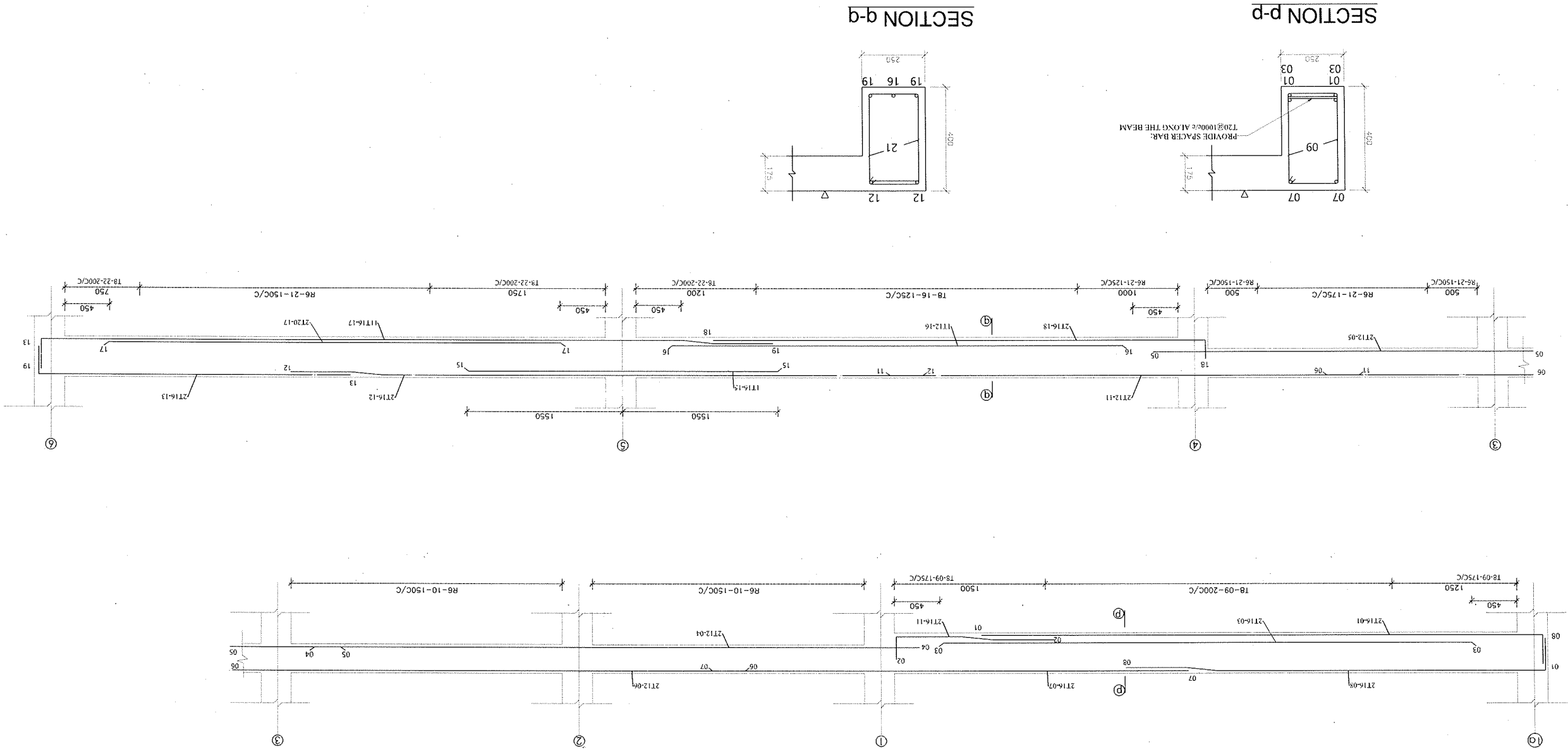
SECTION t-t



CONTRACTOR  ONE PRESENT IS YOURS FUTURE PREMAJAYANTHI CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, NITTAMBUWA EMAIL-PREMAJAYANTHI.CONSTRUCTION@GMAIL.COM TEL - 0332297/820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHI.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.), PG DIP (CON., MGT), C ENG MIE, ASSP (GBCSL) DRAWN - DINETH RANASINGHE	PROJECT : PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	DETAIL : FIRST FLOOR BEAM DETAIL 03	DATE DATE : 2024.11.04 PC/MALLG/ST/07/03
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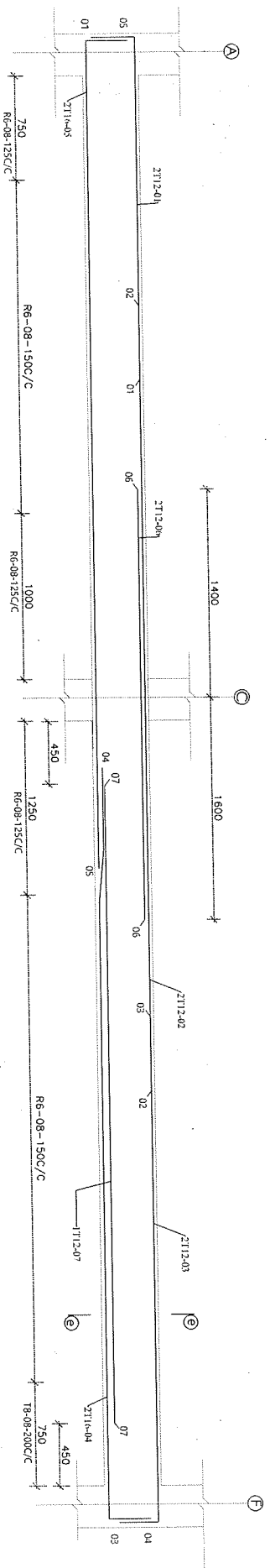
PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL:PREMAJANTA@GMAIL.COM TEL - 0332297820 HOTLINE - 077984630 WEB - WWW.PREMAJANTHACONSTRUCTIONS.COM	CONTRACTOR	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.) PG DIP (CON.MGT), C ENG MIE, ASSP(GBCS) DRAWN - DINETH RAMASINGHE	PROJECT : PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	DETAIL : FIRST FLOOR BEAM DETAIL 04	DATE : 2024.11.04 PC/MALIG/ST/07/04
THE INSTITUTION OF ENGINEERS, SRI LANKA MEMBERSHIP No. M - 5120 CHARTERED ENGINEER Eng. H A S ROSHANTHA THIS SEAL WILL BE VALID ONLY IF THE HOLDER'S NAME IS ON THE ROLL OF MEMBERS	STRUCTURAL ENGINEER	SECTION m-m	SECTION k-k	SECTION m-m	SECTION p-p

FB10 (250x400),(250x300) A(1a-3)

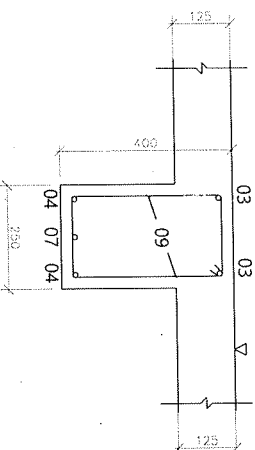


CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHI CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA , NITTAMBUWA EMAIL:PREMAJAYANTHICONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 07/7984630 WEB - WWW.PREMAJAYANTHICONSTRUCTIONS.COM	H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.)Pg DIP (CON.MGT), C ENG MIE, ASSP(GBCSI) DRAWN - DINETH RAMASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	FIRST FLOOR BEAM DETAIL 05	DATE : 2024.11.04 PC/MALIG/ST/07/05

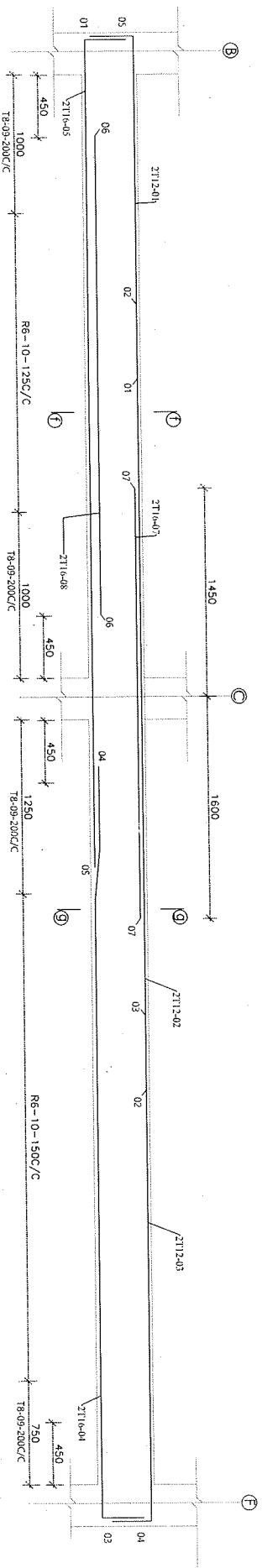
SFB4 (250x400) 3(A-F)



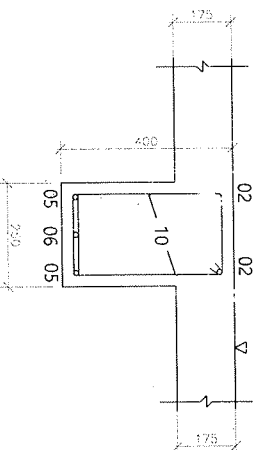
SECTION e-e



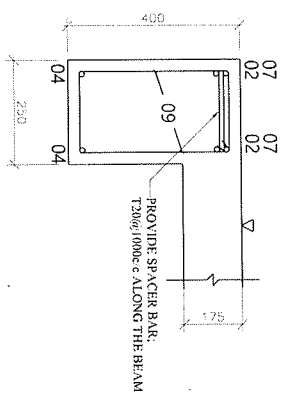
SFB5 (250x400) 4(B-F)



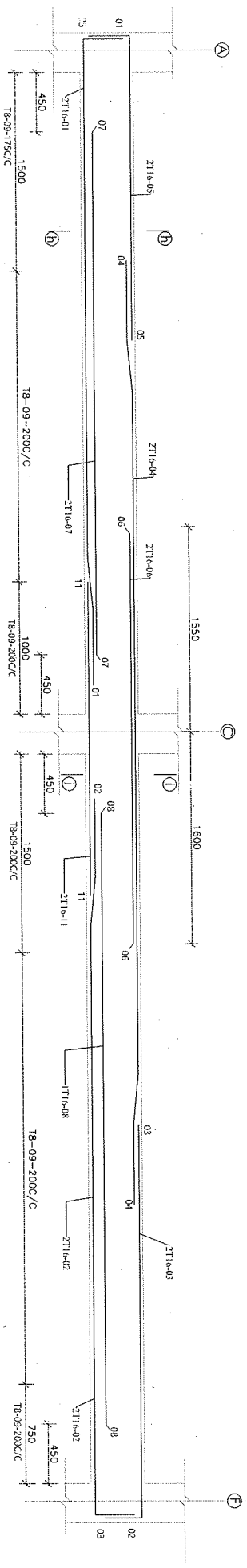
SECTION f-f



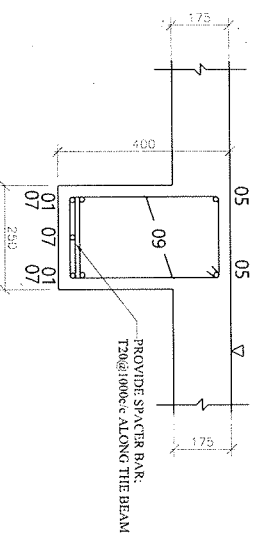
SECTION g-g



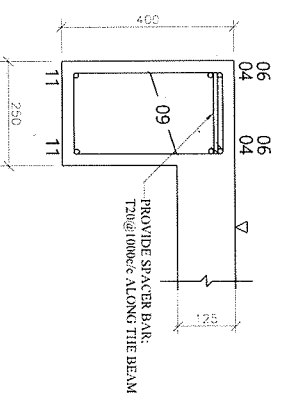
SFB6 (250x400) 5(A-F)



SECTION h-h

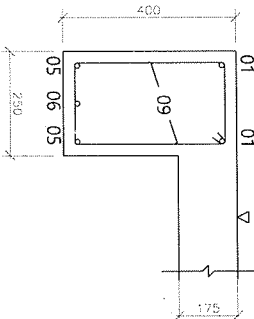
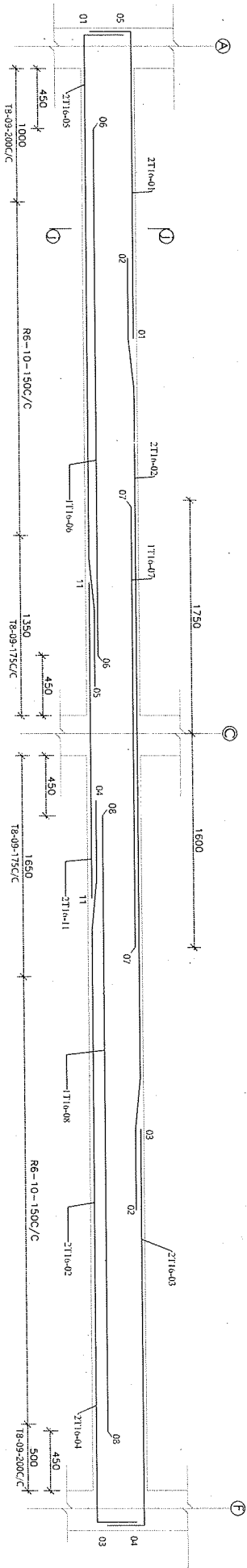


SECTION i-i



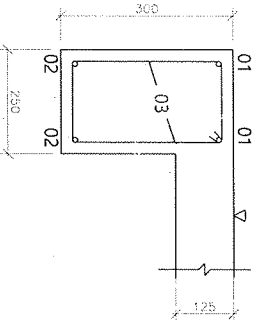
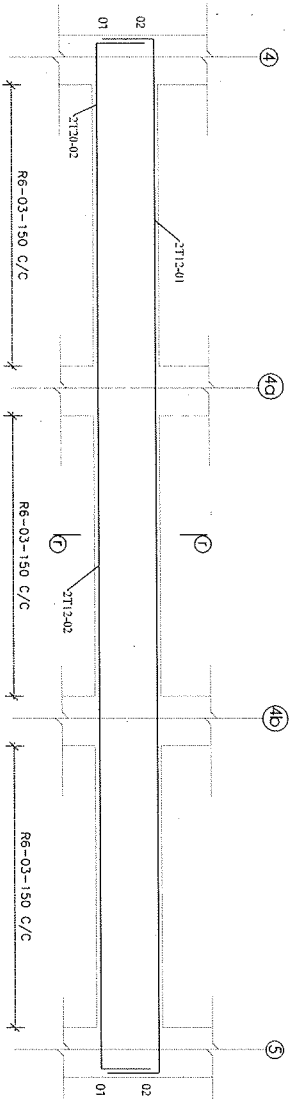
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 OUR CREATION IS YOURS TRUST PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA , NITTAMBUWA EMAIL-PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG), PG DIP (CON,MGT), C ENG MIE, ASSP(GBCSI)	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 02	DATE : 2024.11.04 PC/MALIG/ST/08/02

SFB7 (250x400) 6(A-F)



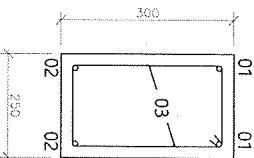
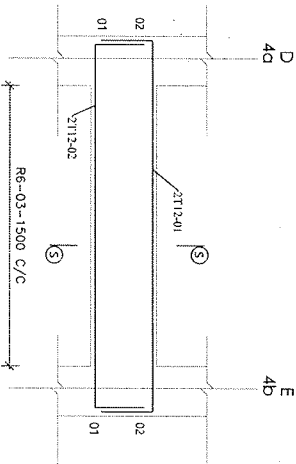
SECTION j-i

SFB11 (250x300) E(4-5)

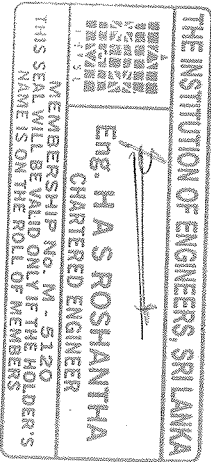


SECTION r-r

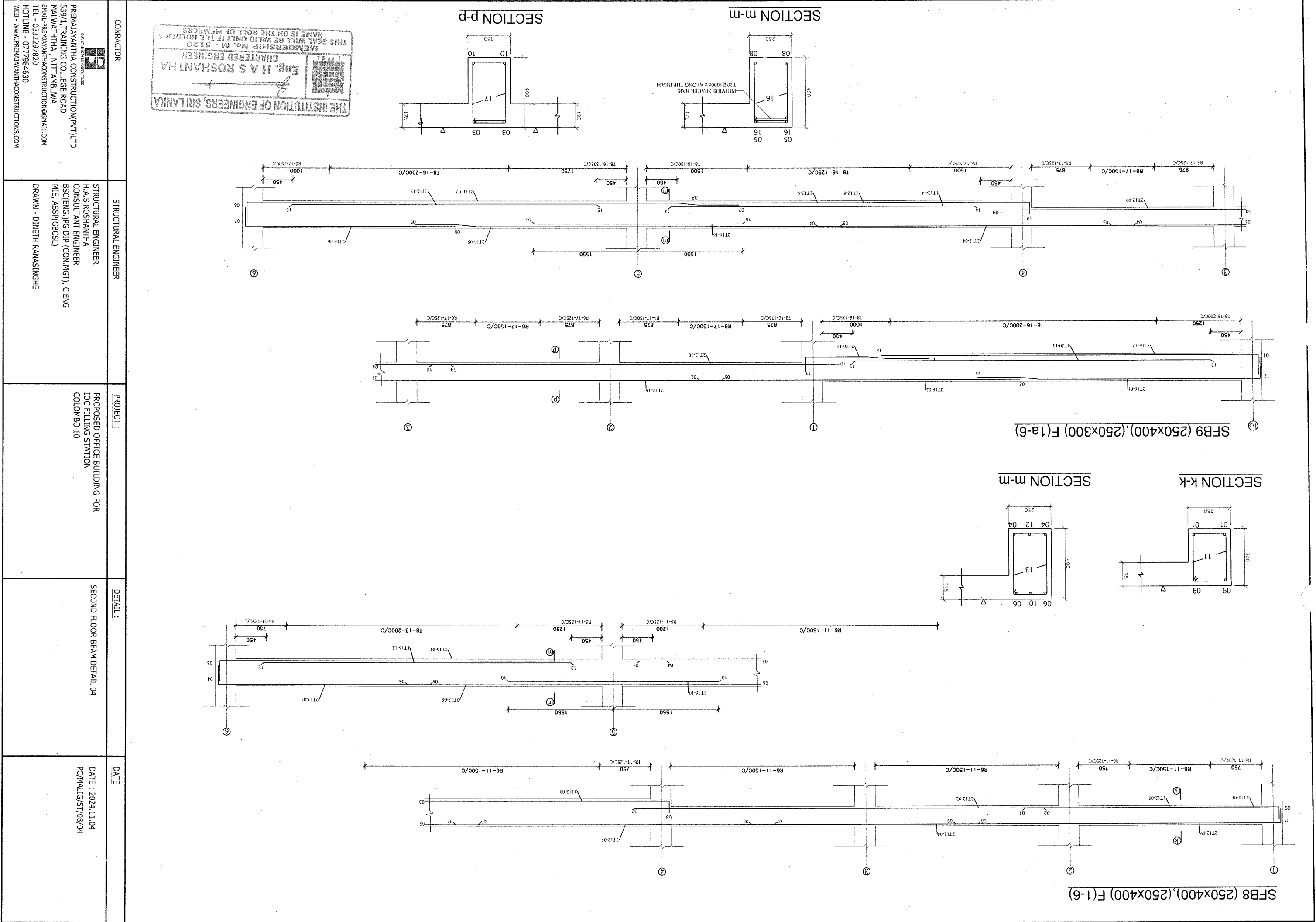
SFB12 (250x300)
SFB13 (250x300)



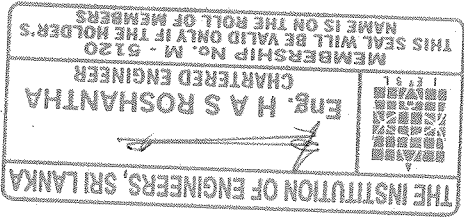
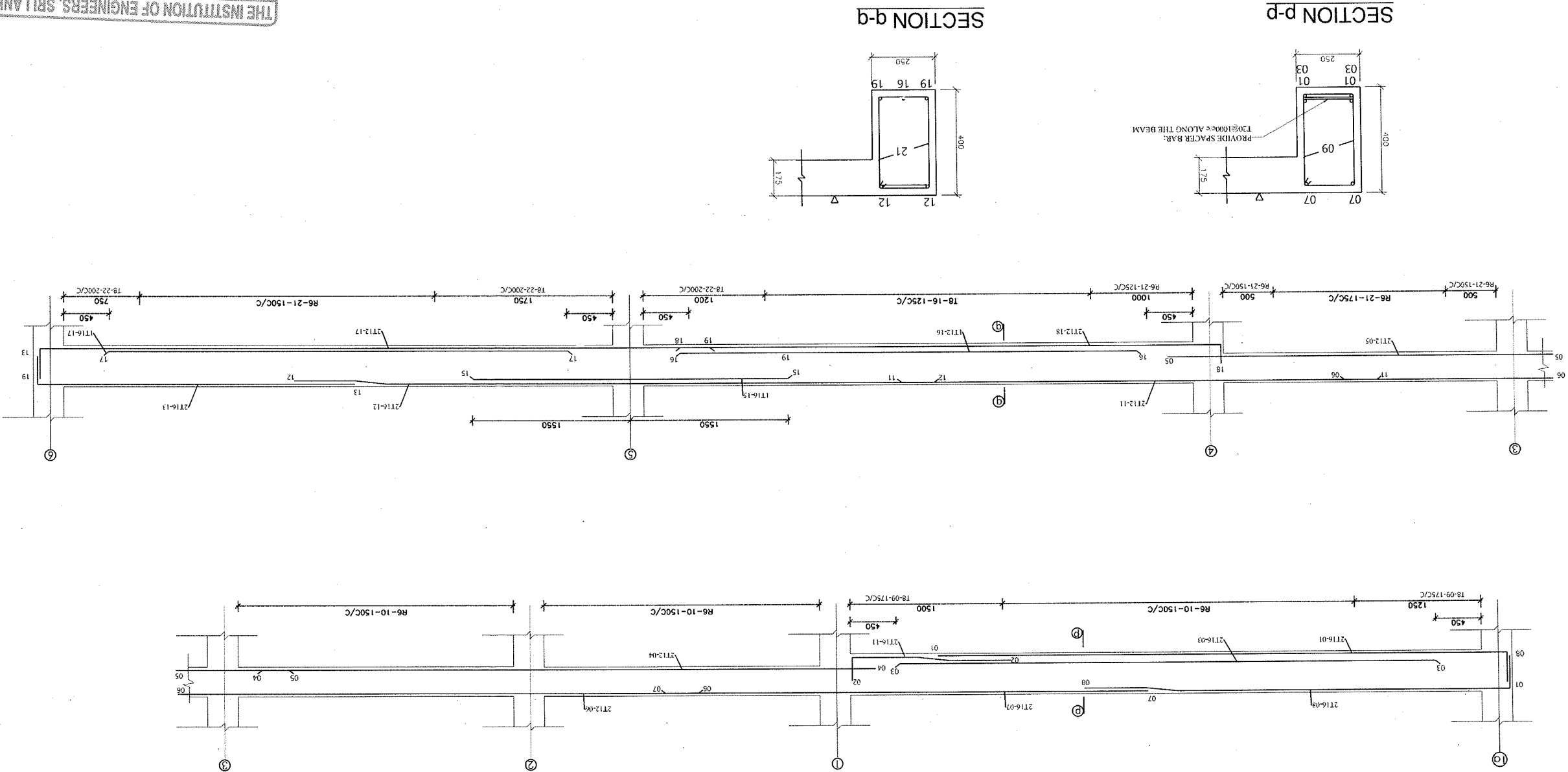
SECTION s-s



CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHITHA, NITTAMBUWA EMAIL- PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG),PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RAMASINGHE		PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 03	DATE : 2024.11.04 PC/MALIG/ST/08/03



SFB10 (250x400),(250x300)
A(1a-3)



CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD, MALWATHTHA, NITTAMBUWA EMAIL:PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM	STRUCTURAL ENGINEER H A S ROSHANTHA CONSULTANT ENGINEER BSC(ENG),PG DIP (CON,MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RAMASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 05	DATE : 2024.11.04 PC/MALIG/ST/08/05

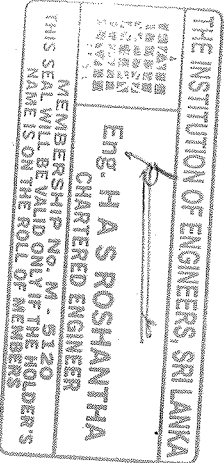
01. GENERAL NOTES :

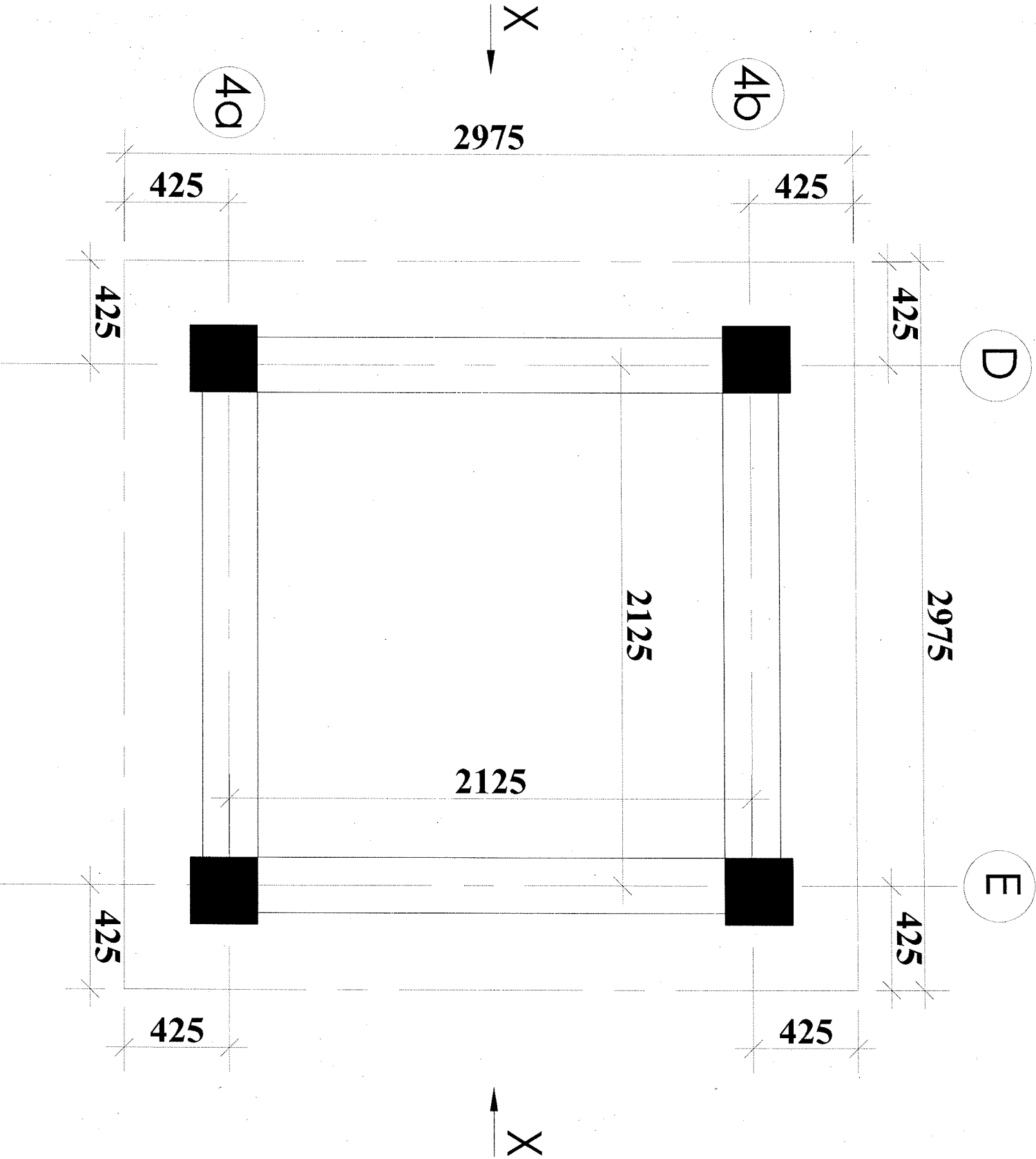
- 1.1. LIFT OF SHOULD BE ACCORDING TO THE REQUIREMENT FROM LIFT SUPPLIER
- 1.2. USE THE INTERMEDIATE LEVEL BEAMS ACCORDING TO THE REQUIRMENT FOR LIFT SUPPLIER (USE PROVIDED DETAIL)
- 1.3. DOOR OPENINGSAND LEVELS SHOULD BE ACCORDING TO THE RELEVENT ARCHITECTURAL DRAWINGS

02. NOTES :

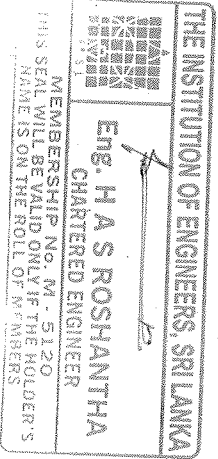
- 2.1. COVER TO THE UNDERGROUND STRUCTURES SHOULD BE 40-50mm AND ABOVE GROUND SHALL BE TAKEN AS 25mm
- 2.2. LAP LENGTH SHOULD BE 52Ø (52x BAR DIAMETER)

CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA - NITTAMBUWA EMAIL-PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.)PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RAMASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 03	DATE : 2024.11.04 PC/MALG/ST/10/01

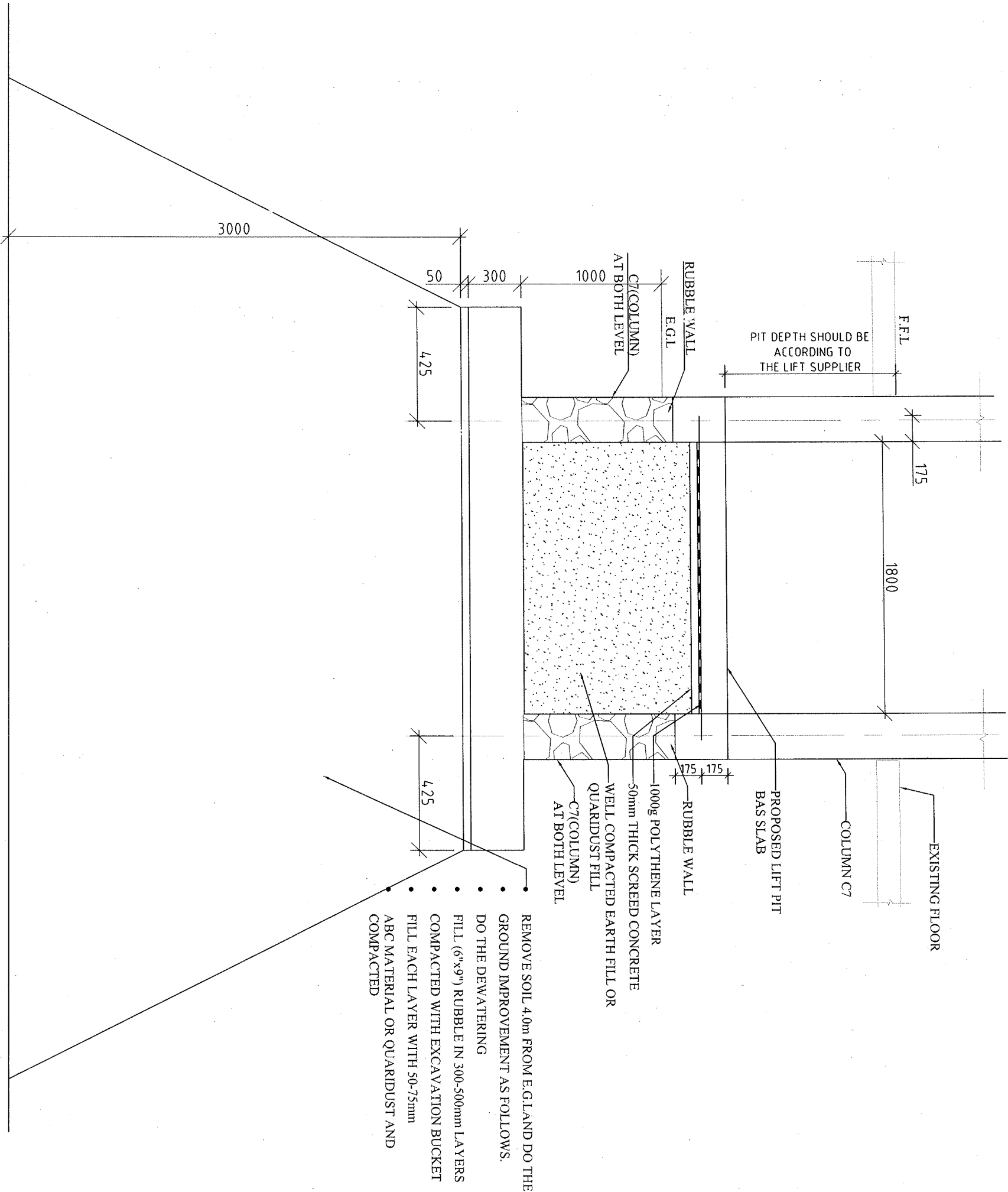




RAFTER FOUNDATION LAYOUT DETAIL
FOR COLUMN & LIFT BASE



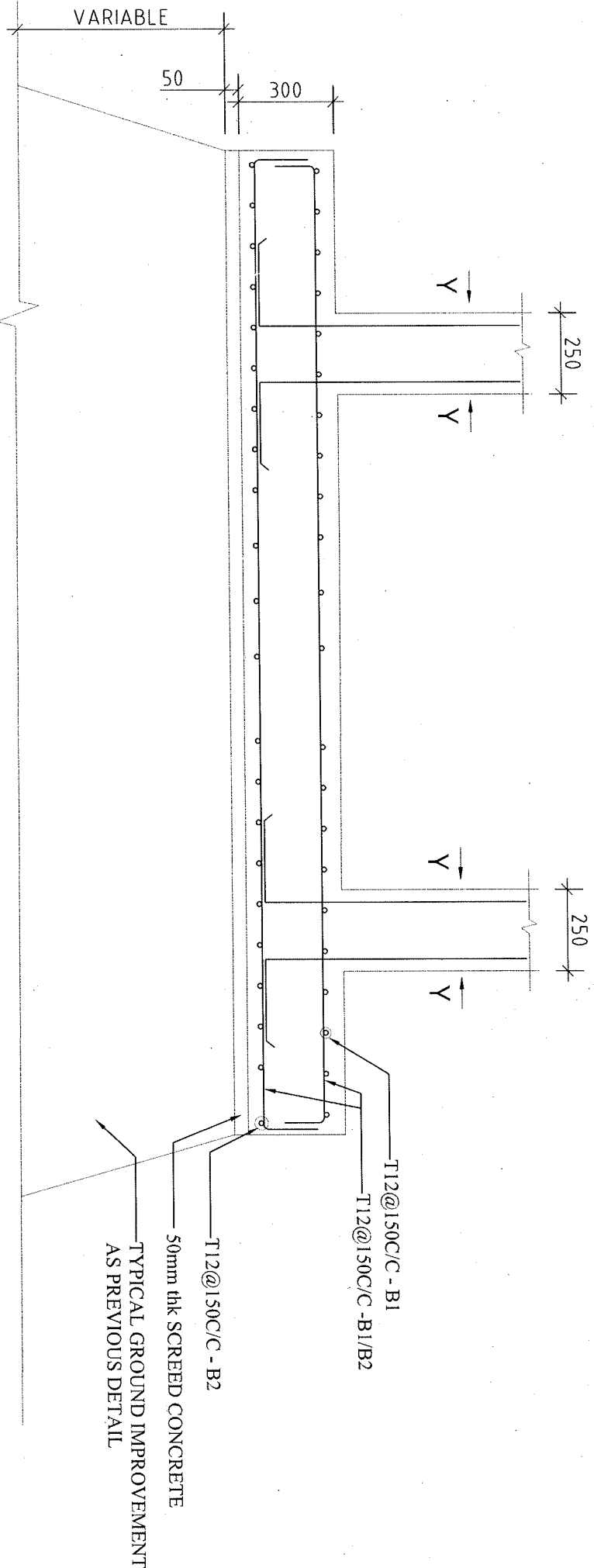
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/1, TRAINING COLLEGE ROAD MALWATHTHA, NITTAMBUWA EMAIL: PREMAJAYANTHA@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.) PG DIP (CON.MGT), C ENG MIE, ASSP (GBCSI) DRAWN - DINETH RAVASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 03	DATE : 2024.11.04 PC/MALIG/ST/10/02



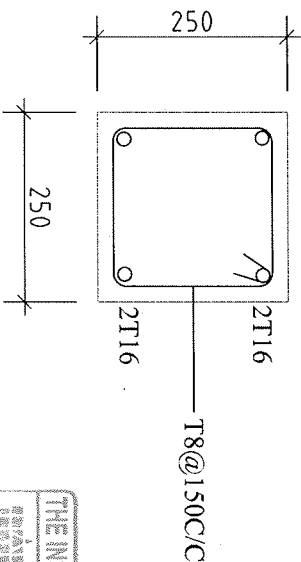
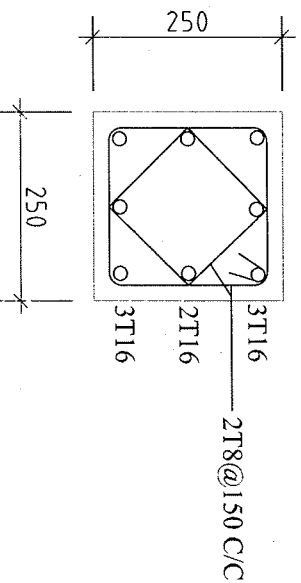
TYPICAL CROSS SECTION FOR LIFT PIT
SECTION X-X

THE INSTITUTION OF ENGINEERS, SRI LANKA
MEMBERSHIP No. M - 5120
Eng. H A S ROSHANTHA
CHARTERED ENGINEER
THIS SEAL WILL BE VALID ONLY IF THE HOLDER'S NAME IS ON THE ROLL OF MEMBERS

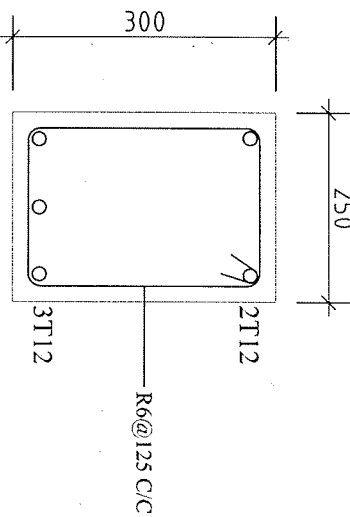
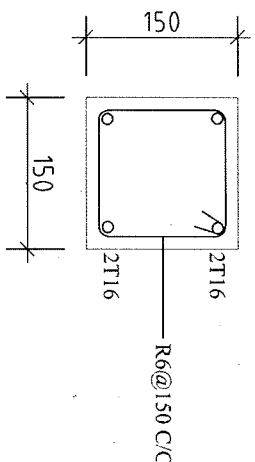
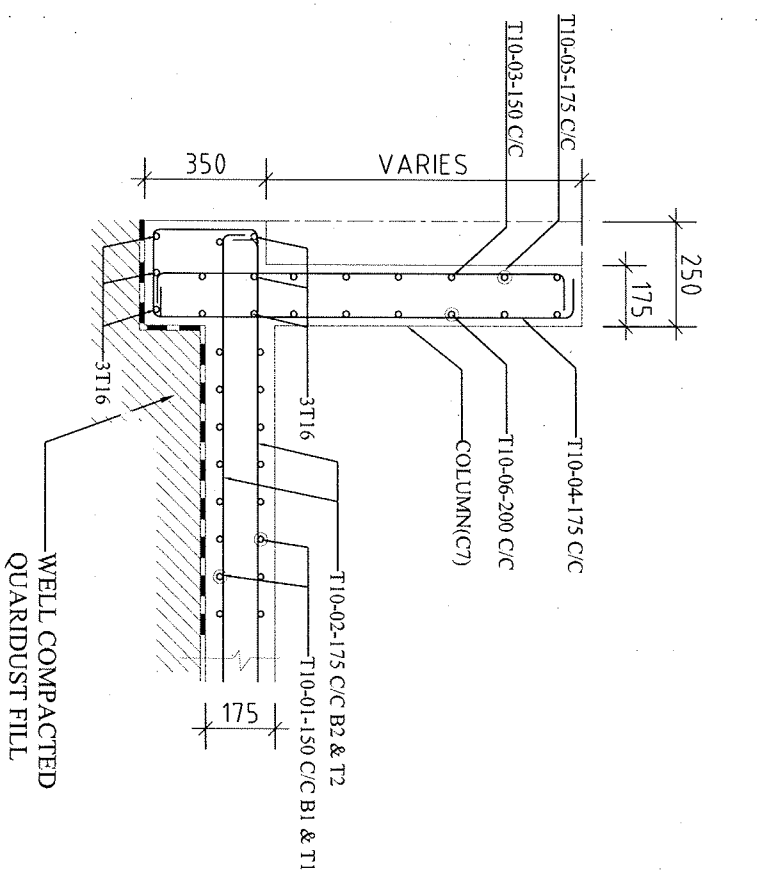
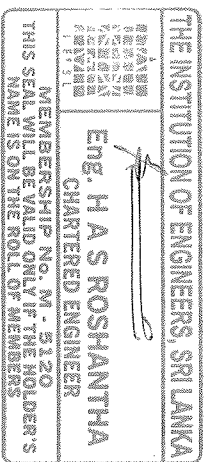
CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION (PVT) LTD 539/L, TRAINING COLLEGE ROAD MALVATHITHA, NITTAMBUWA EMAIL: PREMAJAYANTHA.CONSTRUCTION@GMAIL.COM HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHA.CONSTRUCTIONS.COM	STRUCTURAL ENGINEER H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.), PG DIP (CON.MGT), C ENG MIE, ASSP(GBCSL) DRAWN - DINETH RAMASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 03	DATE : 2024.11.04 PC/MALIG/ST/10/03



SECTION X - X
SF1-TYPICAL COLUMN FOOTING DETAIL



TYPICAL COLUMN DETAIL
(C7)
(AFTER LIFT PIT BASE SLAB)



FB1(250x300)

NOTES-
POSITION OF THE INTERNAL BEAMS SHOULD BE PLACED
ACCORDING TO THE REQUIREMENT FROM LIFT SUPPLIER

CONTRACTOR	STRUCTURAL ENGINEER	PROJECT :	DETAIL :	DATE
 PREMAJAYANTHA CONSTRUCTION(PVT)LTD 539/L TRAINING COLLEGE ROAD MALVATTITTHA , NITTAMBUWA EMAIL:PREMAJAYANTHACONSTRUCTION@GMAIL.COM TEL - 0332297820 HOTLINE - 0777984630 WEB - WWW.PREMAJAYANTHACONSTRUCTIONS.COM	H.A.S ROSHANTHA CONSULTANT ENGINEER BSC(ENG.)PG DIP (CON.MGT), C ENG MTE, ASSP(GBCSI) DRAWN - DINETH RANASINGHE	PROPOSED OFFICE BUILDING FOR IOC FILLING STATION COLOMBO 10	SECOND FLOOR BEAM DETAIL 03	DATE : 2024.11.04 PC/MALIG/ST/10/04

