

APPROVED

PLAN No. CB/516/18
R/B/CB/IB/P/IB/01/
APN
20.19.1.00.00
Date: 13.06.2019

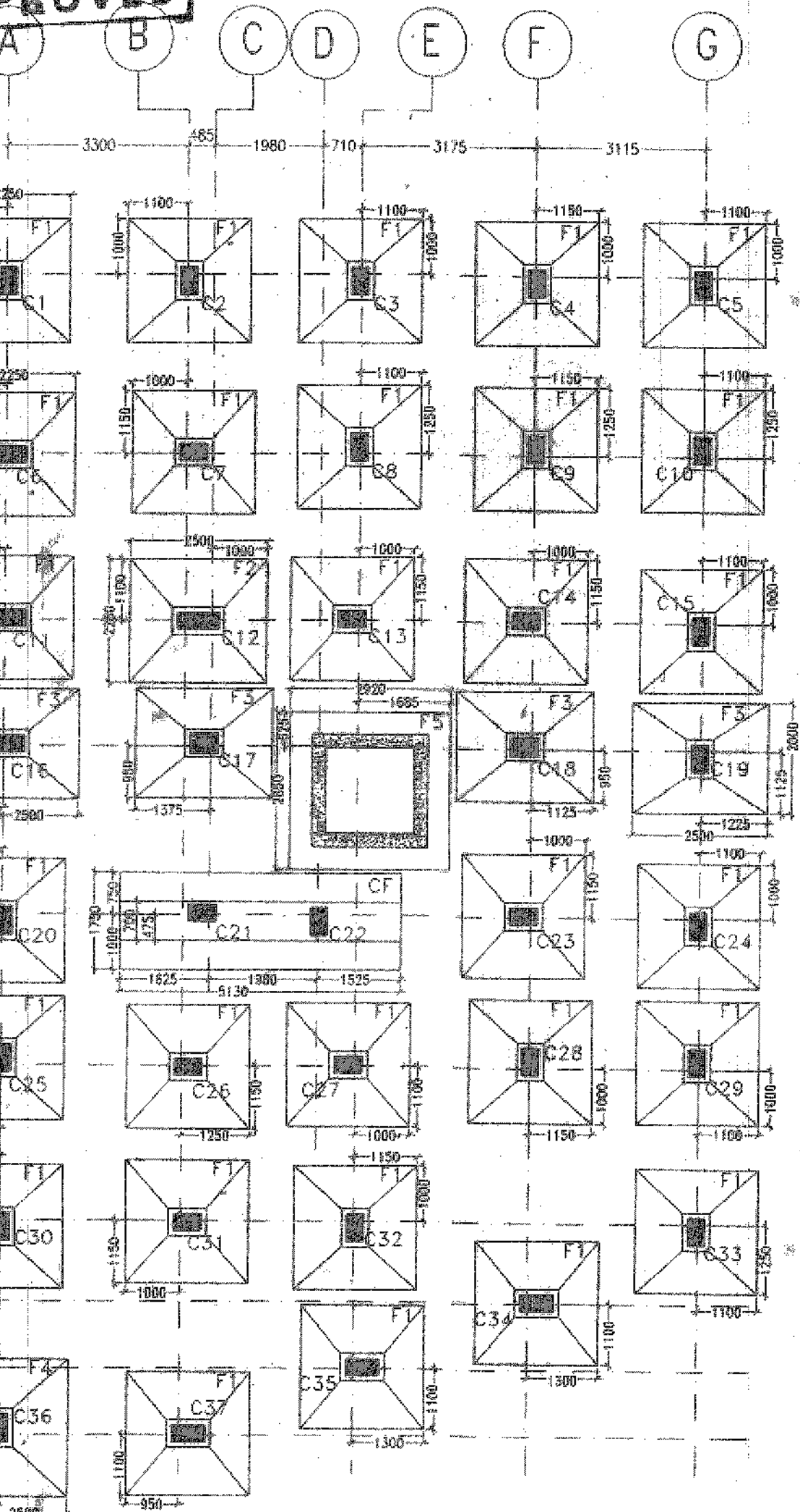
Commissioner
Durgapur Municipal Corporation

Mohan Lal Majhi
Planner in Charge, Building Plan,
Durgapur Municipal Corporation

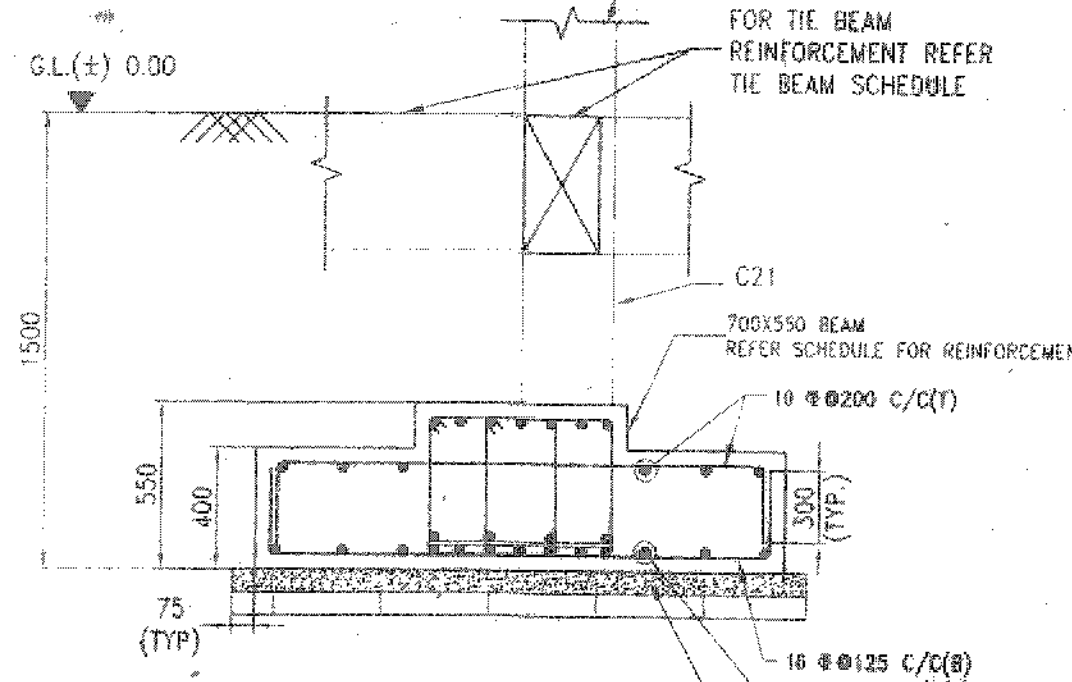
REMISSION ACCORDED
FOR ACT AND BUILDING
PLAN REGULATIONS (1988)
(40% of 100%)

BUILDING PLAN APPROVED
ON THE BASIS OF THE IMPROVED
TIE BOND, LAND MUTATION
& CONVERSION IS THE RESPONSIBILITY
OF THE OWNER

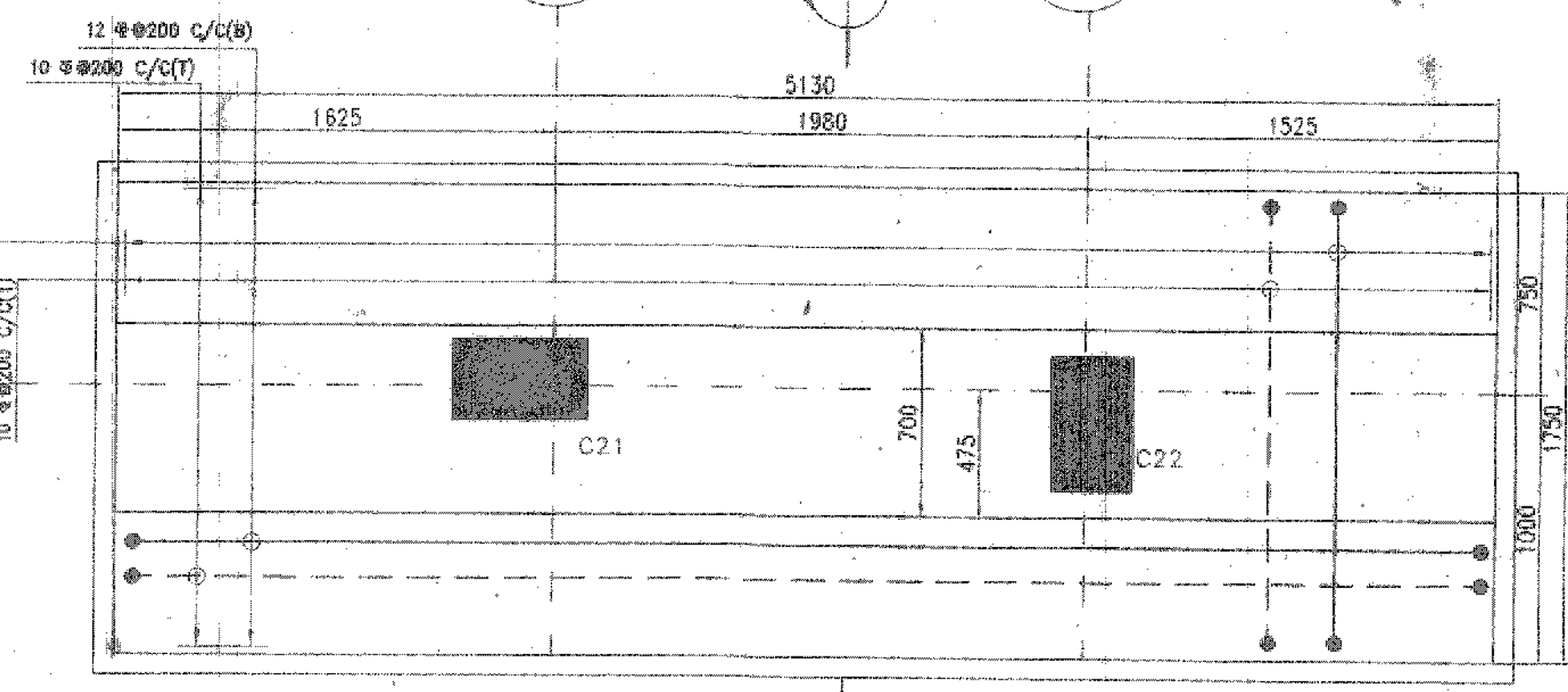
7
8
9
10



FOUNDATION LAYOUT PLAN
SCALE - 1:100

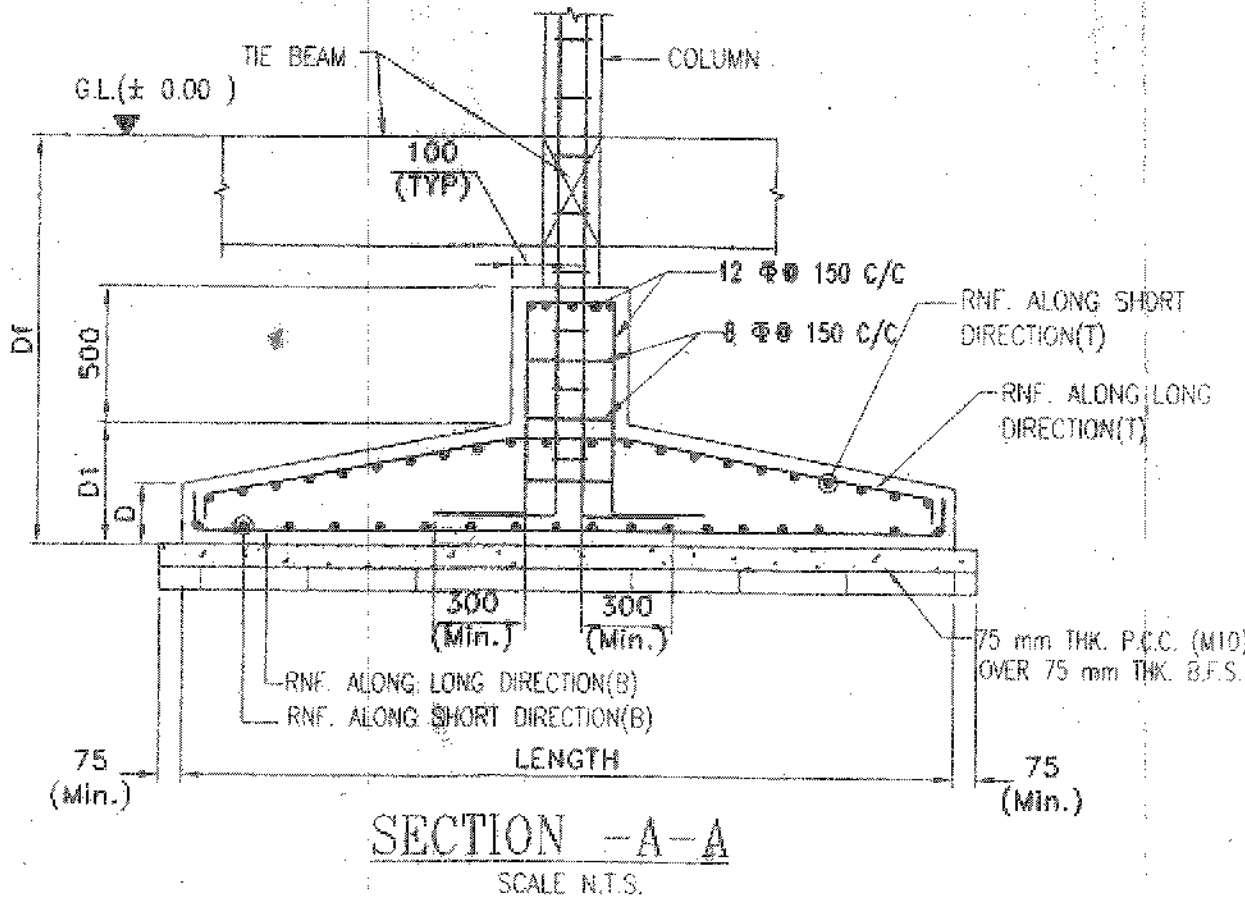


SECTION -E-E
SCALE - 1:25

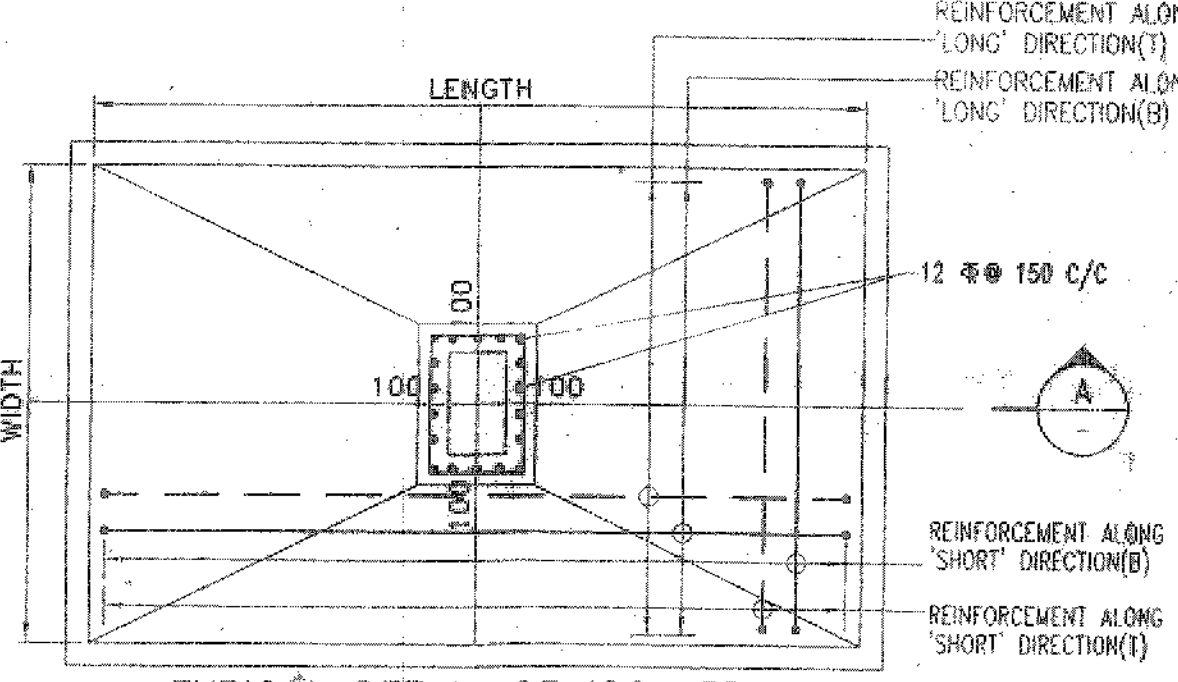


DETAIL OF COMBINED FOUNDATION (CF)
SCALE 1:25

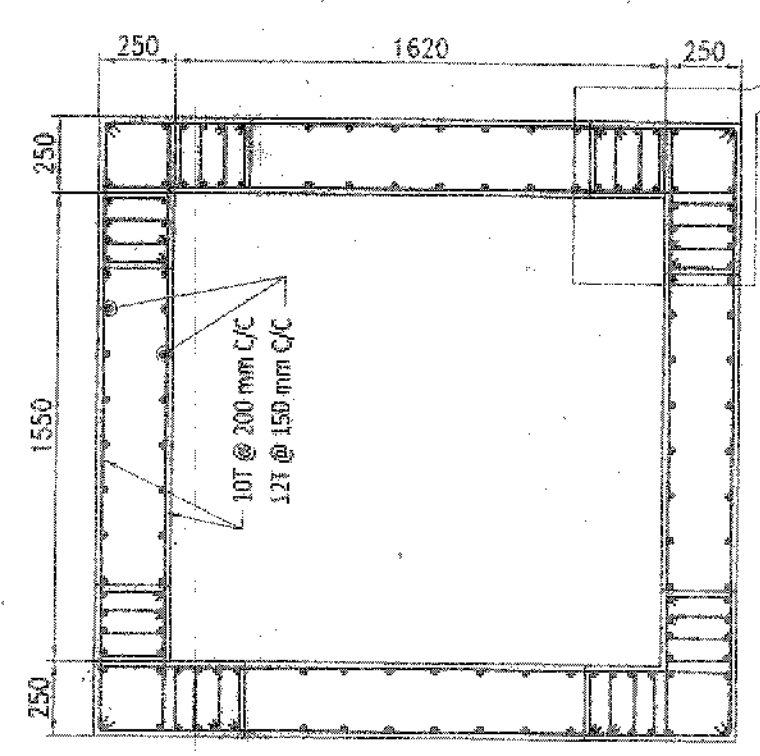
UNDER COLUMNS MARKED	FOUNDATION MARKED	NUMBER	FOUNDATION SIZE				FOUNDATION REINFORCEMENT DETAIL				
			LENGTH (mm)	WIDTH (mm)	THICKNESS DEPTH		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		
					D1 (mm)	D2 (mm)	ALONG SHORT DIRECTION	ALONG LONG DIRECTION	ALONG SHORT DIRECTION	ALONG LONG DIRECTION	
C1,C2,C3,C4, C5,C6,C7,C8, C9,C10,C11,C18, C14,C15,C20,C23, C24,C25,C28,C27, C28,C29,C30,C31, C32,C33,C34,C35, C37	F1	29	2250	2250	500	300	1500	16 # 175 C/C	16 # 175 C/C	-	-
C12	F2	01	2500	2250	500	300	1500	16 # 200 C/C	16 # 200 C/C	-	-
C16,C17,C18, C19	F3	04	2500	2000	500	300	1500	16 # 200 C/C	16 # 150 C/C	-	-
C36	F4	01	2500	2500	500	300	1500	16 # 150 C/C	16 # 150 C/C	-	-
LIFT	F5	01	2920	2850	500	500	1500	16 # 200 C/C	16 # 200 C/C	10 # 200 C/C	16 # 200 C/C



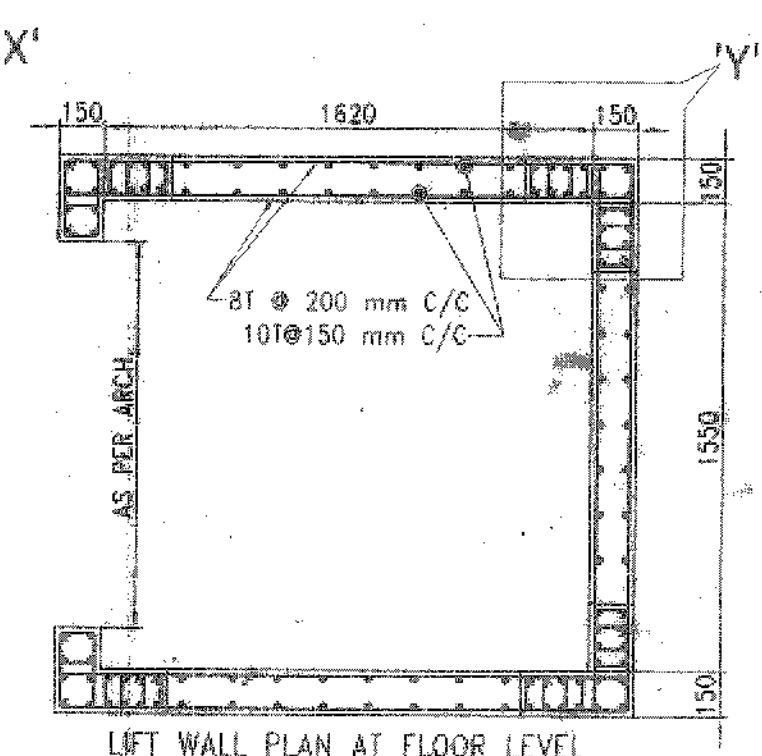
SECTION -A-A
SCALE N.T.S.



TYPICAL DETAIL OF ISOLATED FOUNDATION
SCALE N.T.S.



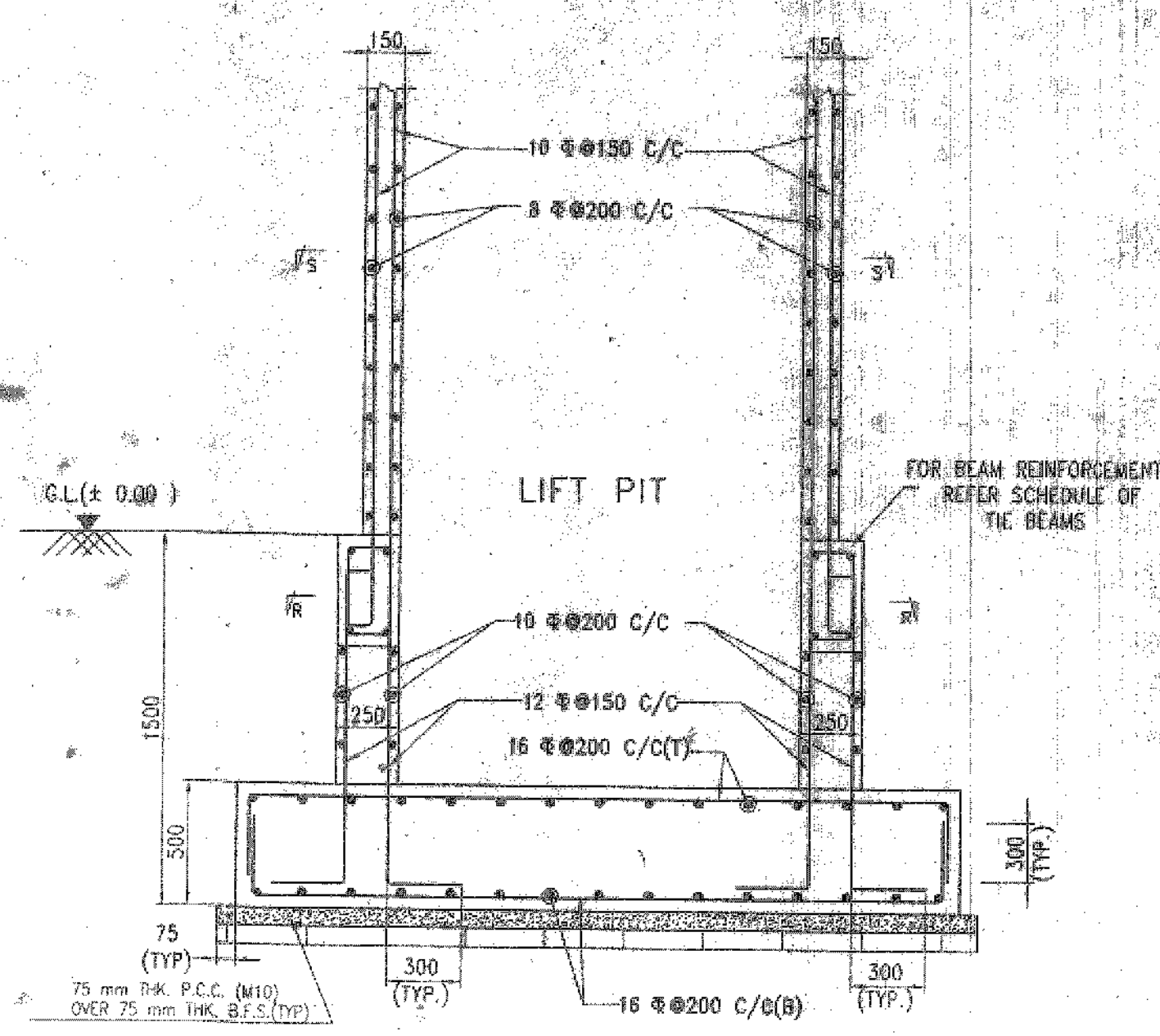
LIFT WALL PLAN AT BASE LEVEL
SECTION (R-R)
SCALE 1:25



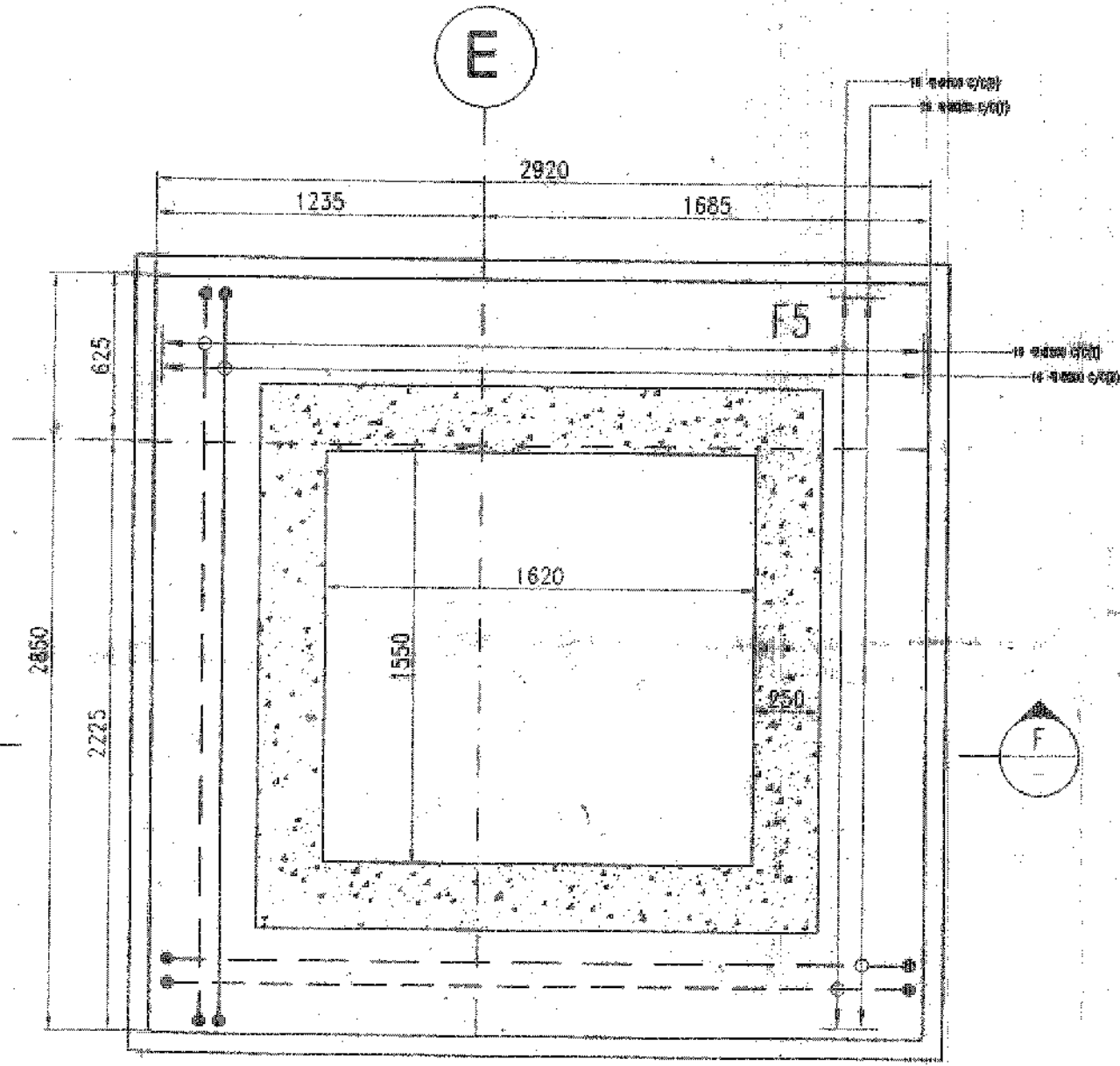
LIFT WALL PLAN AT FLOOR LEVEL
SECTION (S-S)
SCALE 1:25

FOUNDATION MARKED	NUMBER	FOUNDATION SIZE				FOUNDATION REINFORCEMENT DETAILS				FOUNDATION BEAM SIZE			FOUNDATION BEAM REINFORCEMENT DETAIL			
		TOTAL LENGTH	WIDTH (mm)	THICKNESS (mm)	DEPTH BELOW G.L. (mm)	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		LENGTH (mm)	WIDTH (mm)	THICKNESS (mm)	BOTTOM REINFORCEMENT	TOP REINFORCEMENT	STIRRUPS SPACING (mm)	
						ALONG SHORT DIRECTION	ALONG LONG DIRECTION	ALONG SHORT DIRECTION	ALONG LONG DIRECTION							
CF	01	5130	1750	400	1500	16 # 175 C/C	12 # 200 C/C	10 # 200 C/C	10 # 200 C/C	5130	700	350	7-20 #	4-18 #	7-16 #	4-10 # 200 C/C

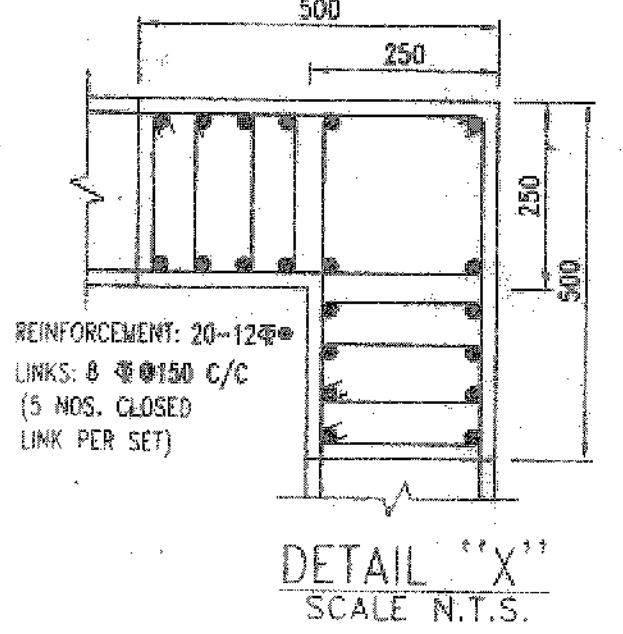
SPECIAL NOTES:
THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.



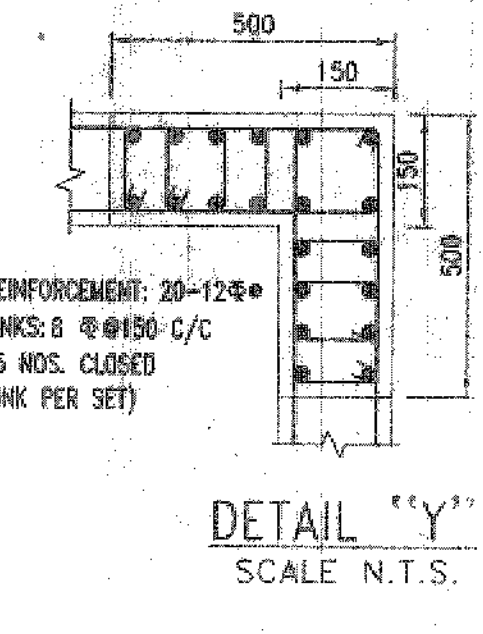
SECTION AT -F-F
SCALE - 1:25



DETAIL OF ISOLATED FOOTING F5
SCALE - 1:25



DETAIL 'X'
SCALE N.T.S.



DETAIL 'Y'
SCALE N.T.S.

- NOTES-
- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER EXCEPT OTHERWISE MENTIONED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH).
 - ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
 - APPROPRIATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 - VIBRATOR SHALL BE USED FOR PROPER COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C.
 - CONCRETE CLEAR COVER SHALL BE AS FOLLOWS:
(i) FOUNDATION BEAM AND SLABS : 50 mm
 - GRADE OF CONCRETE FOR SUBSTRUCTURE WILL BE M20 AS PER IS: 456-2000.
 - DEVELOPMENT LENGTH BOND FOR LAP & SPLICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID-DOWN IN SP4:1987.
 - THE NET SAFE BEARING CAPACITIES FOR ALL ISOLATED AND COMBINED FOOTINGS AT DEPTH (-) 1.5m. FROM G.L. HAVE BEEN CONSIDERED ON THE BASIS OF SOIL REPORT PREPARED BY ASTHA GEO-TECHNICAL CONSULTANT. THESE CAPACITIES MUST BE ENSURED AT SITE UNDER THE SUPERVISION OF A COMPETENT GEO-TECHNICAL ENGINEER FOR VALIDITY OF THIS DRAWING.
 - THE N VALUE AS DESCRIBED UNDER NOTES OF TABLE-1 OF IS-1893 (PART-1)-2016 SHOULD BE ENSURED TO BE GREATER THAN 15 FOR VALIDITY OF THIS DESIGN AND DRAWING.

SPECIAL NOTES:
THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.

TITLE
STRUCTURAL DRAWINGS OF PROPOSED 6+6 STORED RESIDENTIAL (APARTMENT) BUILDING OF BLUE ONYX PVT. LTD., OVER R.S. PLOT NO.- 780, L.R. PLOT NO. - 726, KHANNA NO.- 7276, MOUZA - FULHORE, J.L. NO- 107, P.S. - NEW TOWNSHIP, DIST - PASCHIM BURDWAN, * HOLDING NO. - 14/118 * ASSESSMENT NO. - 3309401124129 * CIRCLE/WARD NO. - 25 * ADDRESS - ROAD -72, FULHORE, DGP-06

CERTIFICATE OF STRUCTURAL ENGINEER
THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME, CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Soumyadip Dutta 16/6/19
SOUMYADIP DUTTA
B.TECH (WBUT)
CIVIL ENGINEER, NKDA
LICENCE NO. - CVEN/NKDA/10/002174

Sanjay Das Neogi 26/6/19
Sanjay Das Neogi
B.E. CIVIL (WBUT), MIE
REG. ESE/1223/4/M/MO
Chartered Engineer

SIGNATURE OF L.B.S./ENGINEER/ARCHITECT
I DO HEREBY CONFIRM AND CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED BY ME KEEPING THE PROVISION OF NBC OF INDIA AND ALSO ABIDE BY THOSE RULES DURING AND LATER CONSTRUCTION OF BUILDING.

SIGNATURE OF GEOTECHNICAL ENGINEER
THIS IS TO CERTIFY THAT THE SOIL TEST HAS BEEN PERFORMED BY ME FOR THIS PROJECT

SUBHRADEEP CHAKRABORTY
BCE (IIT) A.I.E (I), MIGGS
enrolled GEO-Technical Engineer (I) NKDA
NO. - GTER/NKDA/10/00029

SIGNATURE OF VETTING AUTHORITY

CERTIFICATE OF OWNER
THIS IS TO CERTIFY THAT I SHALL NOT ON A LATER DATE, MAKE ANY ADDITION OF ALTERATION TO THIS PLAN. THIS IS CERTIFIED THAT I HAVE DONE THROUGH THE NBC OF INDIA AND ALSO ABIDE BY THOSE RULES DURING AND LATER CONSTRUCTION OF BUILDING.

Blue Onyx Private Limited
Ranchman
Director

DRAWING TITLE
FOUNDATION LAYOUT PLAN & REINFORCEMENT SCHEDULE, REINFORCEMENT DETAILS OF LIFT.

SCALE - 1:100 OR AS SHOWN
DATE - 16.06.2019
SHEET NO. - 1 OF 3