

SCHEDULE OF SLAB

SLAB MARKD.	REINFORCEMENT AT SHORTER SPAN	REINFORCEMENT AT LONGER SPAN OF SLAB	THICKNESS
S1	8 # @ 125 mm c/c	8 # @ 150 mm c/c	115 MM.
S2	8 # @ 100 mm c/c	8 # @ 170 mm c/c	100 MM.
S3	8 # @ 125 mm c/c	8 # @ 125 mm c/c	125 MM.
S4	8 # @ 100 mm c/c	8 # @ 170 mm c/c	100 MM.

SCHEDULE OF ROOF BEAM

MARKED	SIZE OF BEAM	LONG REINF.		SUPPORT REINFORCEMENT		SPAN REINFORCEMENT	
		TOP	BOT	TOP	BOT	TOP	BOT
B1	250 X 450	5-16 # + 2-16 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c
B2	250 X 400	3-16 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c
B3	250 X 350	2-16 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c
B4	250 X 400	3-16 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c
B5	250 X 450	5-16 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-12 # @ 150 mm c/c	2-16 # @ 150 mm c/c	2-12 # + 2-16 # @ 150 mm c/c	2-12 # @ 150 mm c/c

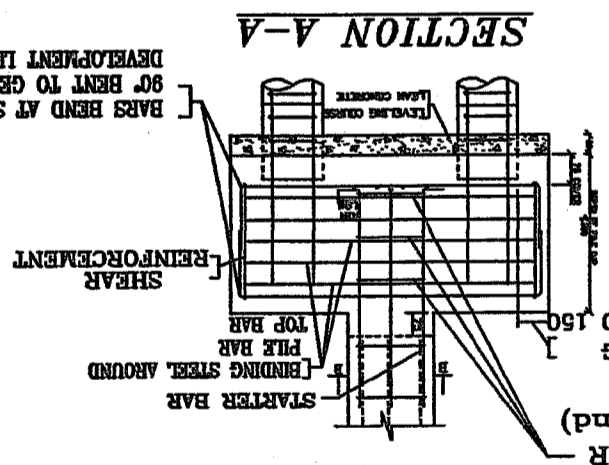
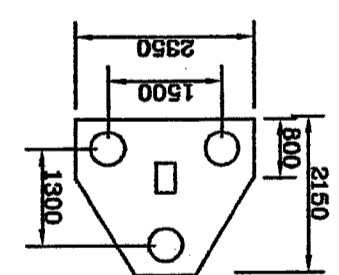
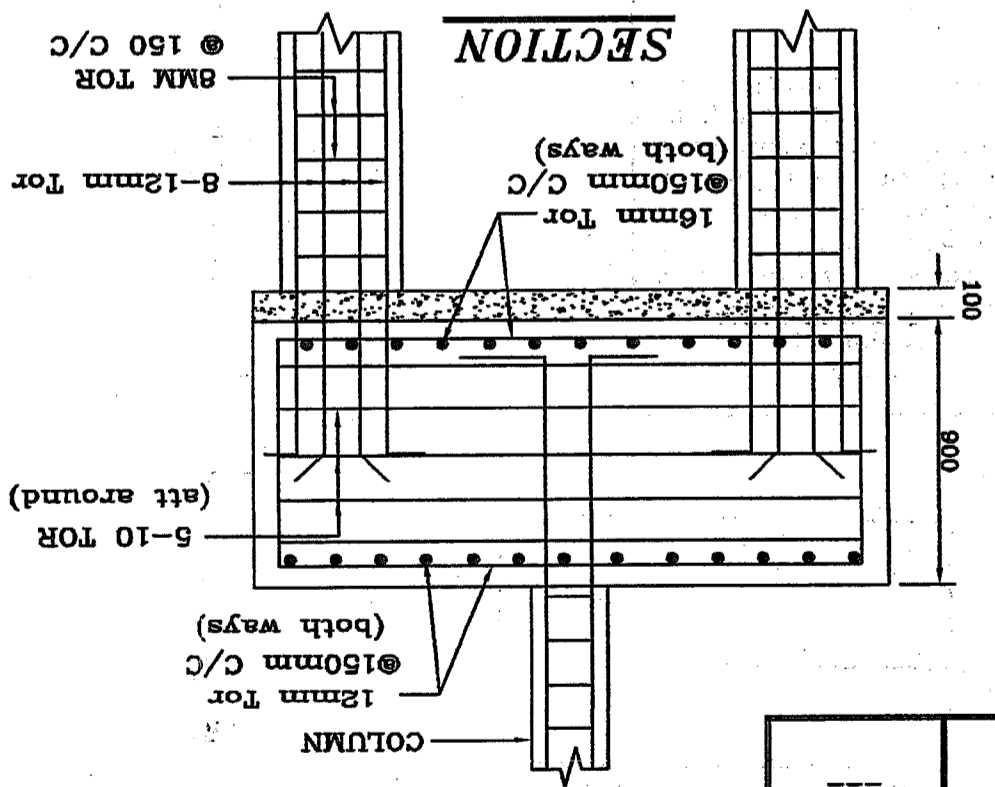
SCHEDULE OF PILE

UNDER COLUMN	SIZE	REINFORCEMENT.	CUT OFF LEVEL --- 2.0M.	TOTAL LENGTH OF PILE --- 26.0M.	PROVIDE 8-16 TOR UP TO 1ST. 10M. LENGTH	PROVIDE 8-12 TOR UP TO REST. 16M. LENGTH.
C1 TO C27	450MM DIA.	16MM TOR @ 150 C/C				
P1	C1, C4, C5, C15, C16, C18, C19, C22, C23, C24	12MM TOR @ 150MM C/C (alt. round)	AT BOTTOM	2950 X 2150	12MM TOR @ 150MM C/C (alt. round)	DEPTH 800
P2	ALL OTHERS	12MM TOR @ 150MM C/C (alt. round)	AT TOP	2250 X 900	12MM TOR @ 150MM C/C (alt. round)	DEPTH 900

SCHEDULE OF PILE CAP

MARKED PILE CAP COLUMN	NO. OF PILES	IN EACH CAP	SIZE	REINFORCEMENT
P1	03 NOS.	5-10 TOR	2950 X 2150	12MM TOR @ 150MM C/C (alt. round)
P2	02 NOS.	5-10 TOR	2250 X 900	12MM TOR @ 150MM C/C (alt. round)

THE BEAM :-
 T1 = (250x350) 5-16 TOR TOP & BOTTOM ALL THROUGH
 T2 = (250x350) 3-16 TOR TOP & BOTTOM ALL THROUGH

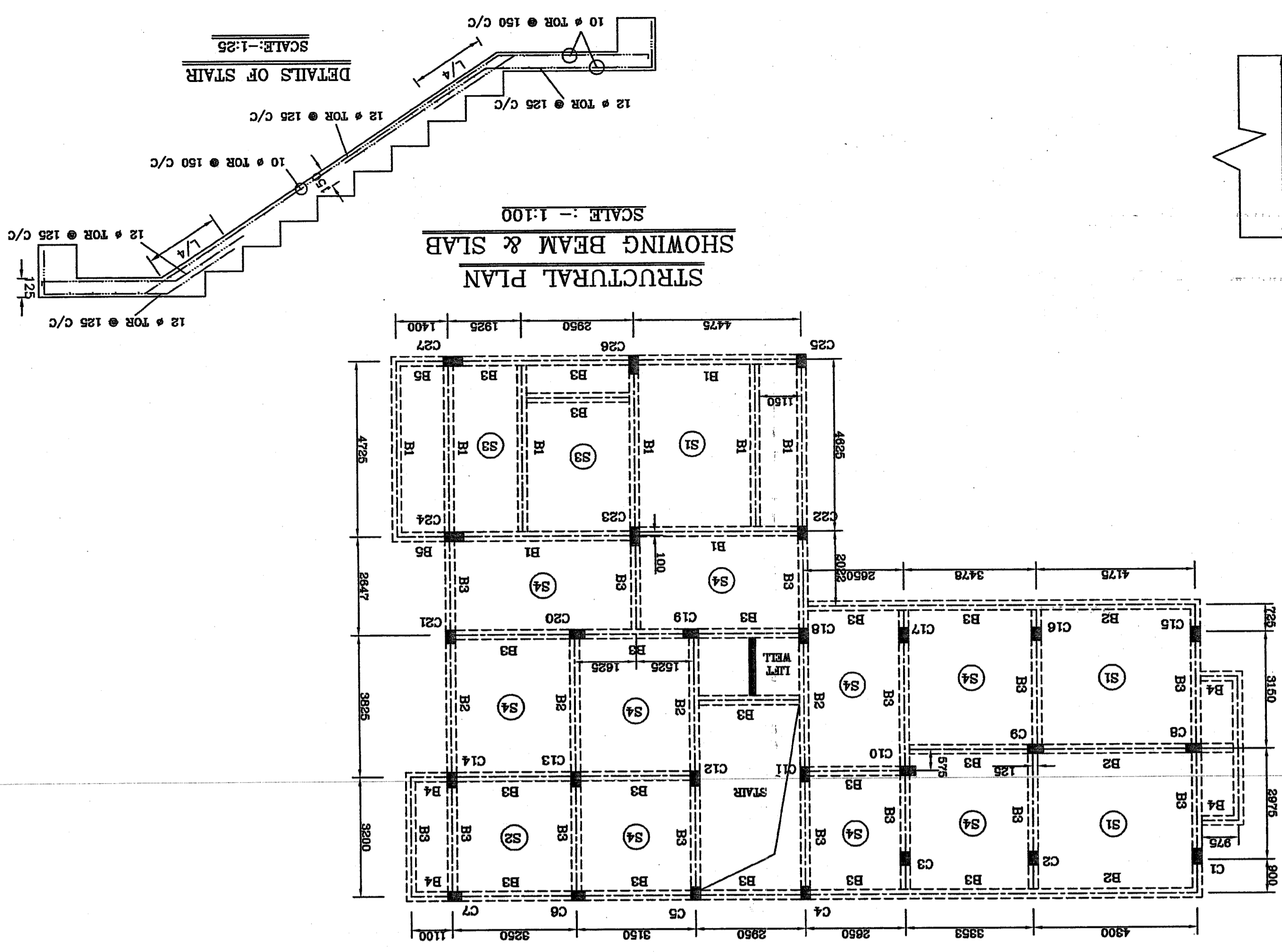
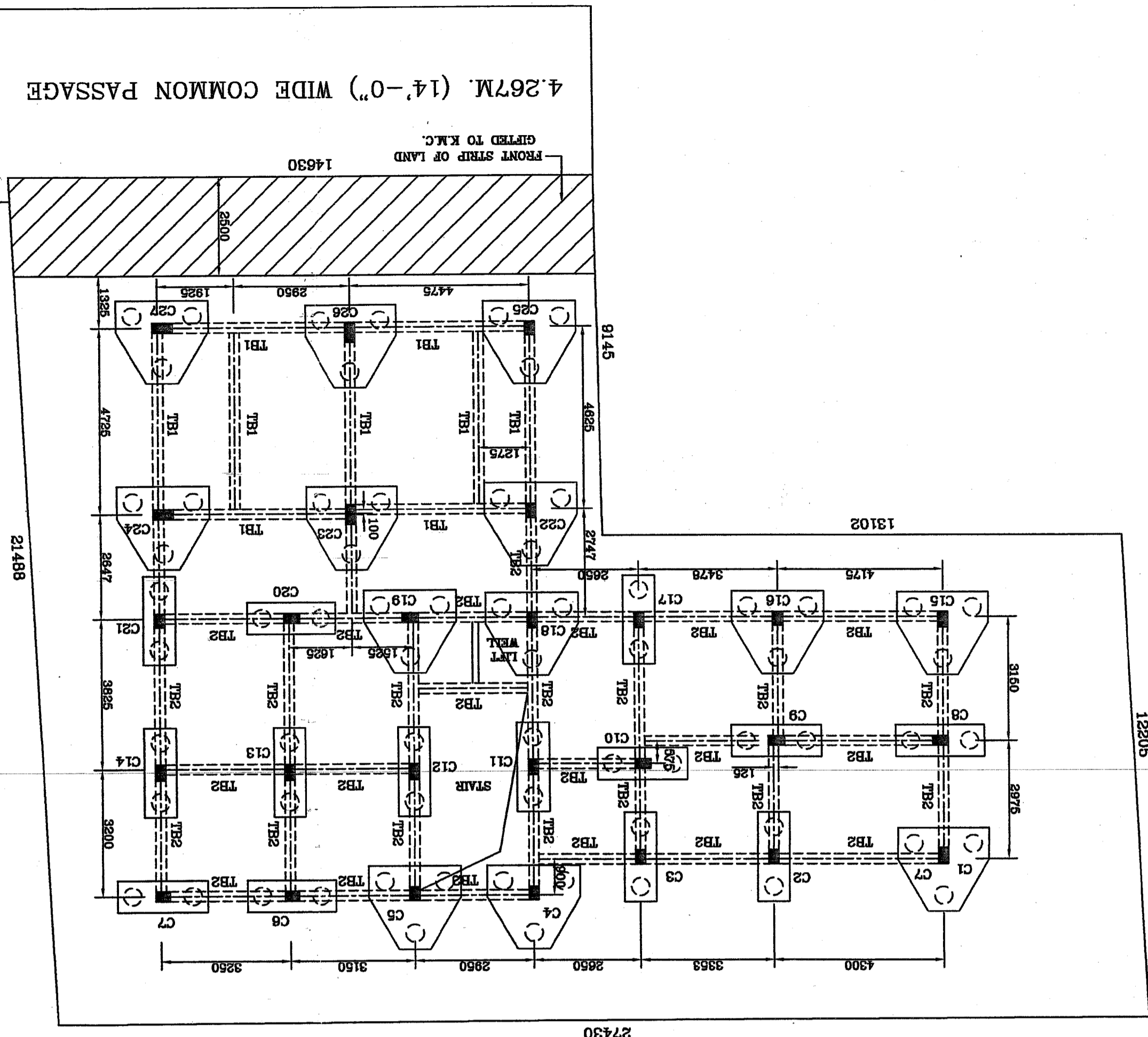


DETAILS OF NOS-CAP PLAN

DETAILS OF PILE CAP WITH TWO NOS. PILE SCALE :- 1:25



FOUNDATION LAYOUT PLAN SCALE :- 1:100



SCHEDULE OF COLUMN

MARKED COLUMN SIZE	FROM FND. TO 2ND FL. LEV.	FROM 2ND. FL. LEV. TO TOP.
C26, C27	4-20 # + 4-16 # @ 150mm c/c	4L-8# @ 150mm c/c
C1, C15, C19, C20	8-16 # @ 150 mm c/c	4L-8# @ 150mm c/c
C17, C18, C19, C22	8-16 # @ 150 mm c/c	4L-8# @ 150mm c/c
C11, C12	8-16 # @ 150 mm c/c	4L-8# @ 150mm c/c
ALL OTHERS	4L-8# @ 150mm c/c	4L-8# @ 150mm c/c

SPACE FOR SEAL

NOTES & SPECIFICATION

1. ALL DIMENSION ARE IN M.M. UNLESS OTHERWISE NOTED.
2. ALL OUTER WALLS ARE 200TH. IN C.M.-1:3 & PARTITION WALLS ARE 125TH. & 75TH. IN C.M.-1:4.
3. GRADE OF STEEL Fe-415
4. GRADE OF CONCRETE - M20 (GENERAL) & GRADE OF CONCRETE FOR PILE- M25
5. ALL MATERIALS & CONSTRUCTION SHALL BE AS PER I.S. CODE & B.S.
6. BOOKS & CODE USE :- IS-1893-2002, IS-875-87, IS-156-2000, IS-875-87
7. DEPTH OF SEPTIC TANK & S.U.V.R. SHALL NOT EXCEED THE DEPTH OF NEAREST BUILDING FOUNDATION.
8. CLEAR COVER OF CONCRETE - FOUNDATION=50MM, COLUMN=40MM, BEAM=25MM & SLAB=15MM.
9. CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF KNC BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE ADJUTING COMMON PASSAGE CONFORMS WITH THE PLAN, WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE & NOT A TANK OR FILLED UP TANK. THE LAND IS DEPARTMENT BY BOUNDARY WALL.
10. THE CONSTRUCTION OF U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

SIGNATURE OF L.B.S.
 S. Bandyopadhyay
 L.B.S.-1700, E.S.E.-1/117
 B.E.(C), F.A.E., F.I.(IND), CE(IND)

SIGNATURE OF S.A.M.
 SAMIR BANDYOPADHYAY (L.B.S. NO.-7001)

STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN DONE BY CALCUTTA TEST CENTRE OF KNC, SISHU BAGAN ROAD, KOLKATA-700 034. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

SIGNATURE OF STRUCTURAL ENGINEER
 S. Bandyopadhyay
 L.B.S.-1700, E.S.E.-1/117
 B.E.(C), F.A.E., F.I.(IND), CE(IND)

SIGNATURE OF GEO-TECHNICAL ENGINEER
 SAMIR BANDYOPADHYAY (E.S.E. NO.-1711)

UNDER SIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

RUPAK KUMAR BANERJEE
 B.C.E., M.E., MGS
 M.I.E., CHARTERED ENGINEER
 ENLISTED GEO TECHNICAL ENGINEER (K.M.C.)
 G. 1183 (K.M.C.) D-473, M. 153783
 RUPAK KUMAR BANERJEE
 B.C.E., M.E., MGS
 L.B.S.-1, E.S.E.-1, G.T./3(K.M.C.)
 SIG. OF GEO-TECHNICAL ENGR.

I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I/WE SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION. I/WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN). KNC AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE KNC AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF S.L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK. THE PLOT HAS BEEN IDENTIFIED BY ME AND IF ANY DISPUTE ARISES IN FUTURE, K.M.C. AUTHORITY WILL REVOKE SANCTION PLAN.

SIGNATURE OF OWNERS
 Dr. Prithvi Biswas
 Dr. Prithvi Biswas & Nee Rakshita

STRUCTURAL PLAN OF G+III STORED RESIDENTIAL BUILDING AT
 PRE. NO. - 122/5, DIAMOND PARK, K.M.C. WARD NO.-143, BOROUGH-XVI,
 AT MOUZA-KALUA, J.L. NO.-22, R.S. NO.-336, PART OF R.S. DAG NO.-65,
 R.S. KHATTIAN NO.-289, L.R. DAG NO.-74, L.R. KHATTIAN NO.-7198 & 7199,
 P.S.-HARIDDEVPUR, KOLKATA-700 104
 NAME OF OWNERS : 1) DR. SANJOY BISWAS &
 2) DR. PRITHVI BISWAS NEE RAKSHITA

SCALE :- 1:100

