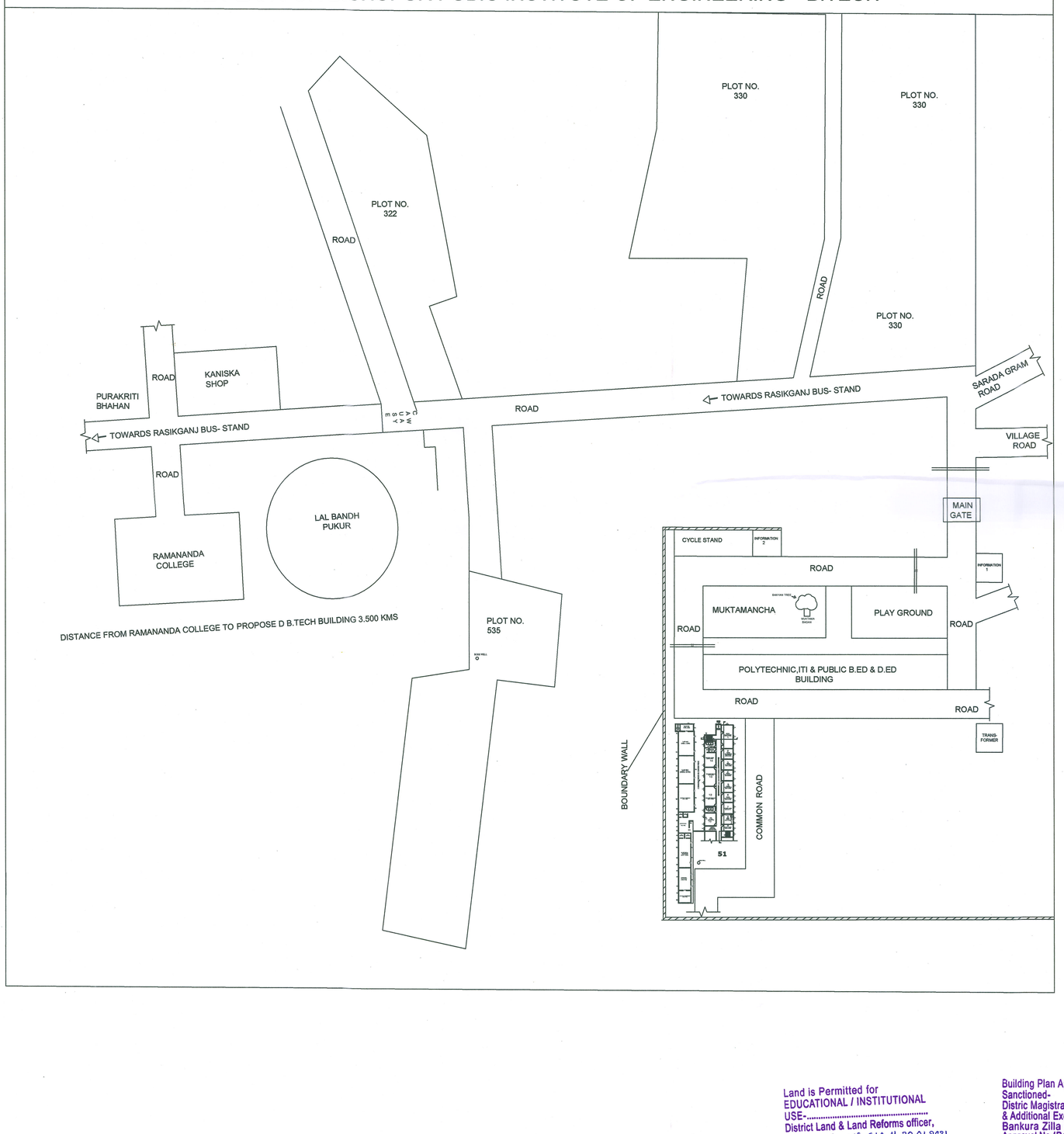
SITE PLAN FOR BISNUPUR PUBIC INSTITUTE OF ENGINEERING - B.TECH



SCHEDULE OF DOORS & WINDOWS

DOORS			WINDOWS		
TYPE	WIDTH	HEIGHT	TYPE	WIDTH	HEIGHT
D1	1200	2100	W1	1500	1500
D2	900	2100	W2	2450	600
D3	750	2100	W3	1000	600
SED	ALU. GLAZED		W4	ST. GLAZING WINDOW	

NOTES:-

THIS DRAWING IS BASED ON ARCHITECHTURAL DRAWING NO
ALL DIMENSIONS ARE SHOWN IN MM. UNLESS OTHERWISE SPECIFIED
ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
NO DIMENSION SHALL BE SCALED.
THE MIX FOR CONCRETE SHALL BE OF GRADE M-25 AS PER BIS SPECIFICATION.
THERMOMECHANICALLY TREATED BARS WITH GRADE Fe-500 SHALL BE USED.
MINIMUM DEVELOPMENT/OVERLAP LENGTH SHALLBE 49d. WHERE "d " IS THE DIA OF MAIN REINFORCEMENT.
THE LAP SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.
CLEAR COVER TO REINFORCEMENT SHALL BE 40MM. FOR COLUMN, 50MM FOR FOUNDATION AND TIE BEAM. THE TOP OF TIE BEAM SHALL BE AT -300MM FROM GROUND LEVEL. THE S.B.C OF SOIL IS TAKEN AS 12T/SQM. IS-456-2000 AND IS-13920-1993.
ALL R.C.C. WORKS SHALL BE EXECUTED AS PER PROVISION OF WATER FOR CONSTRUCTIONS AND CURING SHALL CONFORM TO IS-456-2000.

SCALE

PLAN	1:100
ELEVATION	1:100
SECTION	1:100

SPECIFICATIONS

- 250 THK. BRICK WORK IN 1:6 MORTAR
- 125 THK. & 75 THK. BRICK WORK IN 1:4 MORTAR
- R.C.C WORK IN 1:1 ½ :3 MORTAR (M-20)
- R.C.C WORK IN 1:1.2 MORTAR (M-25)
- P.C.C WORK IN 1:3:6 MORTAR
- EXTERNAL WALL PLASTER 1:5 MORTAR
- INTERNAL WALL PLASTER 1:6 MORTAR
- ALL CEILING PLASTER 1:4 MORTAR

SITE PLAN FOR EXISTING G + II STORIED ACADEMIC BUILDING OF BISHNUPUR PUBLIC INSTITUTE OF ENGINEERING - B.TECH
AICTE PERMANENT ID - 1- 4736985041 4
A UNIT OF BISHNUPUR PUBLIC EDUCATION INSTITUTE
AT MOUZA- SIROMONIPUR & MOYRAPUKUR ,UNDER BELSULIA GRAM PANCHYAT, ASSESSEE NO. - 10847203242, JL NO - 104 & 105, PLOT NO - 51, 535, 330, 322, PO & PS - BISHNUPUR, DIST- BANKURA PIN - 722122, WB

AREA STATEMENT

LAND AREA (AS PER DEED)- 7.51 ACRE.

GROUND FLOOR AREA = 1808 SQ.MT
FIRST FLOOR AREA = 1058.17 SQ.MT
SECOND FLOOR AREA = 1058.17 SQ.MT

LIBRARY BUILDING FLOOR AREA

GROUND FLOOR AREA = 504.16 SQ.MT

CAD LAB ANNEX BUILDING AREA = 521.48 SQ.MT

TOTAL FLOOR AREA = 4950 SQMT

SIGNATURE OWNERS / NGO & NPO

BISHNUPUR PUBLIC EDUCATION INSTITUTE
President Secretary Treasurer
SIG OF OWNERS / NGO & NPO

SIGNATURE OF GEO TECH. ENGINEER

ER. ARIJIT MANDAL
M.Tech (Geotechnical Engineering)
NIT Jamshedpur
Geotechnical Engineer & Consultant
Bankura, West Bengal
Mob.- 7978414804
SIG OF GEO TECH. ENGINEER

SIGNATURE OF ARCHITECT

Ar. Saptarshi Kapri
Architect (B.Arch.)
CA / 2017 / 81329

SIGNATURE OF ENGINEER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA & CERTIFIED THAT IT IS SAFE STABLE IN ALL RESPECTS.

MR. DEBASISH SANTRA
M.Tech. (Structural Engg.)
Sr. Lecturer, Civil Department,B.P.I.E.
Ex.Civil Engineer, Planning & Statisacs Dept. of WB
SIGN OF STRUCTURAL ENGINEER

SHEET NO. 1	
SCALE	REV.
	01
DRG. DATE.-	
DRG. NO.-	

APURBA PAL
B.TECH(CIVIL)
Bhubut, Kabirchak
Bankura
DESIGNED BY
INDRANIL HAZRA
REG NO. - L.B.S.II/09/2022
MOB - 9002124688

Land is Permitted for EDUCATIONAL / INSTITUTIONAL USE-.....
District Land & Land Reforms officer, Bankura. Memo No. 514 dt. 29.01.2021 4178 dt. 18.07.2023, 742 dt. 01.03.10 3643 dt 24.09.2021 S.D.L.&L.R.O. Bishnupur Memo No- 1115/2023/ SDL&LRO/Bishnupur dt. 01.08.23.

Building Plan Approved/ Sanctioned- Additional Distric Magistrate, Bankura & Additional Executive Officer, Bankura Zilla Parishad. Approval No./Permission No.- 90 & 91 dated March 31st 2021.

APPROVED
Pradhan
Balulia Gram Panchayat

INDRANIL HAZRA (D.C.E)
Reg. No.- L.B.S.II/09/2022
Bankura