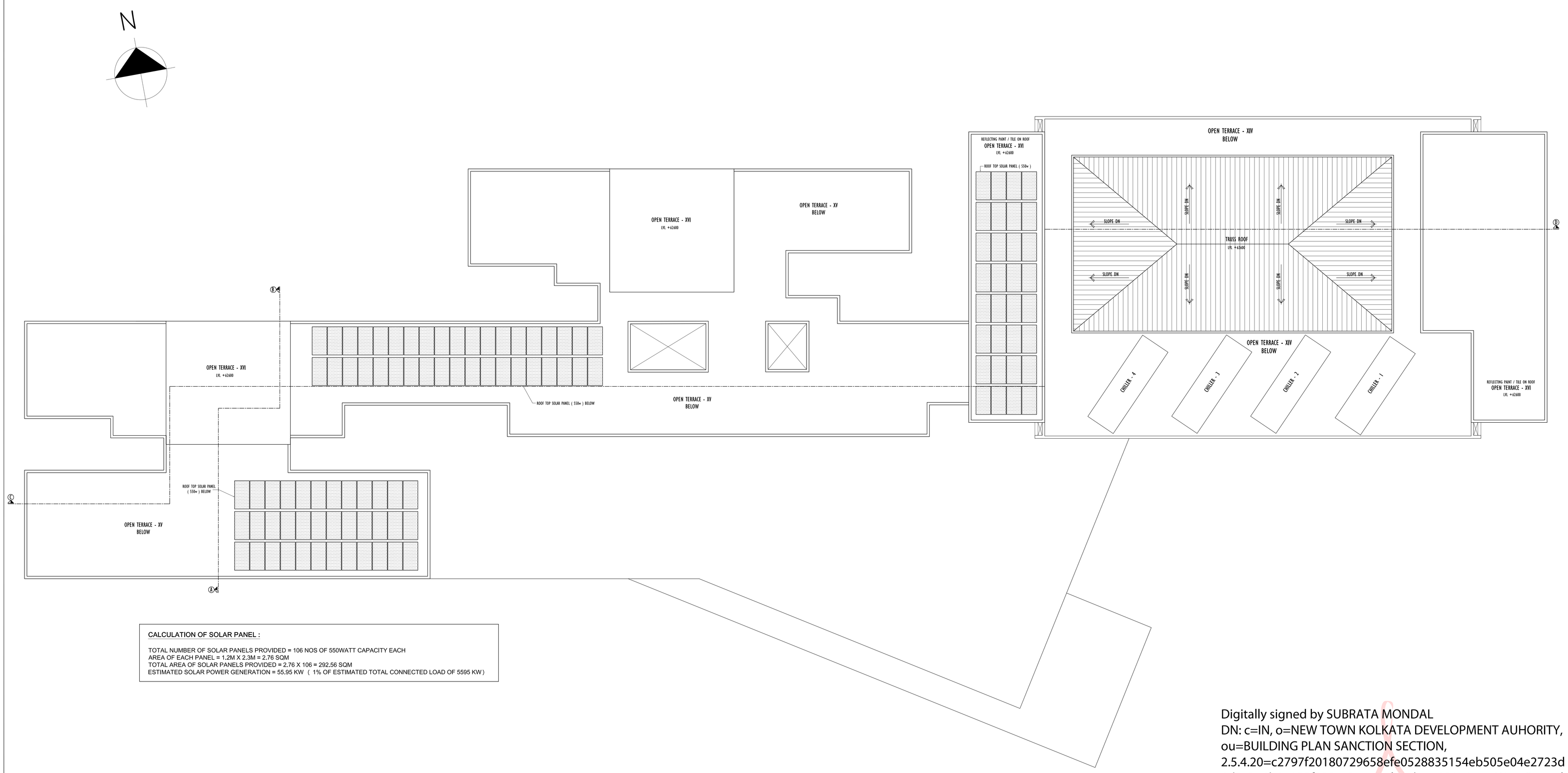

CALCULATION OF SOLAR PANEL :

TOTAL NUMBER OF SOLAR PANELS PROVIDED = 106 NOS OF 550WATT CAPACITY EACH
AREA OF EACH PANEL = 1.2M X 2.3M = 2.76 SQM
TOTAL AREA OF SOLAR PANELS PROVIDED = 2.76 X 106 = 292.56 SQM
ESTIMATED SOLAR POWER GENERATION = 55.95 KW (1% OF ESTIMATED TOTAL CONNECTED LOAD OF 5595 KW)

ABOVE ROOF PLAN

Digitally signed by SUBRATA MONDAL
DN: c=IN, o=NEW TOWN KOLKATA DEVELOPMENT AUHORITY, ou=BUILDING PLAN SANCTION SECTION, 2.5.4.20=c2797f20180729658efe0528835154eb505e04e2723d6d2a3e6b61283f299ec0, postalCode=700156, st=West Bengal, serialNumber=354c9cf4bd63d6e4a5da654345a19513535af216d5efc57709d5ddd20f16df96, cn=SUBRATA MONDAL
Date: 2024.10.04 19:22:29 +05'30'

SPECIFICATIONS:-

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL EXTERNAL WALLS ARE 250/230/200 thk. & 150 thk. R.C.C. ALL INTERNAL WALLS ARE 150/125/100/75 thk.
- THE DEPTH OF S.U.O.M.R. SHALL NEVER EXCEED THE DEPTH OF FOUNDATION.
- BRICK WORK 250/230/200 th. MORTER 1:6 & BRICK WORK 125/100/75 th. MORTER 1:4
- ALL R.C.C. WORKS THE GRADE OF CONCRETE TO BE SPECIFIED BY THE STRUCTURAL ENGINEER.
- GRADE OF STEEL TO BE SPECIFIED BY THE STRUCTURAL ENGINEER.
- ALL SORTS OF PRECAUTIONARY MEASURE WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
  OTHERS ITEM ARE AS PER I.S. SPECIFICATION.

DOOR / WINDOW OPENING SCHEDULE

SL. NO.	LEGEND	SIZE	LINTEL HT.	SIL HT.	SPECIFICATIONS
1	FD0	1200X2250	2250	--	FIRE DOOR
2	FD01	1500X2250	2250	--	FIRE DOOR
3	D	1200X2250	2250	--	FLUSH DOOR
4	D1	1100X2250	2250	--	FLUSH DOOR
5	D2	900X2250	2250	--	FLUSH DOOR
6	D3	850X2250	2250	--	FLUSH DOOR
7	D4	750X2250	2250	--	FLUSH DOOR
8	D5	1800X2250	2250	--	FLUSH DOOR
9	D6	3600X2250	2250	--	FLUSH DOOR
10	D7	2000X2250	2250	--	FLUSH DOOR
1	W	2100X1200	2250	1050	OPENABLE WINDOW
2	W1	1800X1200	2250	1050	OPENABLE WINDOW
3	W2	1200X1200	2250	1050	OPENABLE WINDOW
4	W3	900X1200	2250	1050	OPENABLE WINDOW
5	W4	750X900	2250	1350	VENTILATOR
6	W5	625X1200	2250	1050	OPENABLE WINDOW
7	W6	650X900	2250	1350	VENTILATOR
8	W7	600X1200	2250	1050	OPENABLE WINDOW
9	W8	3000X1200	2250	1050	OPENABLE WINDOW
10	GL	4000X1200	2250	1050	PARTLY OPENABLE GLAZING

Certificate of the Geo-technical Engineer :

It is certified that the comprehensive Geo-technical Report on soil investigation has been prepared by me for design and calculation of the foundation by analyzing the soil sample for estimating the bearing capacity of the soil on which foundation of the structure will be constructed.I shall also check the nature of the soil after excavation at site so that foundation is extended up to appropriate depth that has been proposed in the Geo-technical Report.

SIGN. OF GEO-TECHNICAL ENGINEER: ALOK ROY
ENROLLMENT NO : GTER-HIDCO/09/00003

Certificate of the Structural Engineer :

Certified that the structural drawing and design of both the foundation and superstructure of the building / buildings has been made considering the Soil Test Report. as per the rules and regulations made under the Act and also considering all possible loads, seismic load and the moments generated by the proposed structure as per the Bureau of Indian Standard and National Building Code of India and certified that it is safe and stable in all respect and these provisions shall be adhered to during the construction.

CIVIL/STRUCTURAL ENGINEER : GAUTAM MAJUMDAR
ENROLLMENT NO : STER/NKDA/10/00006

APPLICANT SIGNATURE of MR. ARNAB BASU
ADDRESS : – Pinerkhas Bhavan-3 Bypkinoide East, Kolkata-700069

Certificate of the Architect :

I certify that all the Architectural Drawings of the project at Premises No. 05-0097 have been prepared by me complying with the New Town Kolkata Building Rules, 2009.I also certify that the plans and drawings prepared by me comply with all Provisions regarding the Fire Protection as per the prevailing National Building Code. I shall be held responsible if any incorrect information is furnished by me or any violation of provisions of these rules or the prevailing National Building Code is found in any of the drawings and documents, signed by me and submitted to the Sanctioning Authority for obtaining sanction.

NAME OF ARCHITECT : SUBIR KUMAR BASU
ENROLLMENT NO : ACHR/NKDA/10/00274

PROJECT:

PROPOSED PROJECT "TRAYAM",
MERCANTILE(RETAIL) - ASSEMBLY BUILDING
(2B+G+14 STORIED, 59.30 M. HEIGHT)
AT PREMISES NUMBER 05-0097 ,
PLOT NUMBER BG - 6 OF NEWTOWN ,
UNDER NEWTOWN POLICE STATION,
NEWTOWN ACTION AREA 1 (SUB CBD) ,
WEST BENGAL PIN - 700156.

ARCHITECT
Subir Kumar Basu
4, Broad Street, kolkata – 700019
(T) +91 33 22870333, (F) +91 33 22833043
(E) basu_subirkumar@yahoo.com

DISCIPLINE: ARCHITECTURAL

DRAWING TITLE: ABOVE ROOF PLAN

DRAWN BY: M.MUKHERJEE	DEALT BY: S.CHAKRABARTI	APPROVED BY: S.K.BASU
DRAWING NO : SKB/TRIUM/AR/SANC/20		SHEET NO. 20 OF 23
SHEET SIZE & SCALE : A0 & 1:100		DATE : 04.04.2024